DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Con	ompany: EOG RESOURCES INC							
Well Name:	ame: CWU 1022-15X (RIG SKID)							
Api No:	43-047-3960	00		L	ease Type:_	FEDERA	<u>L</u>	
Section 15	Township_	09S	Range_	22E	County	UINTAH	[
Drilling Cor	ntractor <u>ROC</u>	KY MO	UNTAIN	DRL	G	_RIG # RAT	HOLE	
SPUDDE	D:							
	Date	08/31/0)7	_				
	Time	7:30 P	<u>M</u>	_				
	How	DRY		_				
Drilling wi	II Commenc	e:						
Reported by		JERI	RY BARI	NES				
Telephone #_		(435) 828-172	20				
Date	09/01/07		Signe	d	CHD			

Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPR	OVED
OMB N	lo. 1004	-0137
Expires	July 31.	. 2010

6. If Indian, Allotee or Tribe Name

5. Lease Serial No. U-0283-A

APPLICATION	FOR	PERMIT	TO	DRILL	OR	REENTER
ALL FIGATION	1 011	[PI [1311]			VI I	

APPLICATION FOR PERMIT TO	DKIL	L OR REENTER				
la. Type of work: DRILL REENTI	ER	RIG SKII	D	7. If Unit or CA Agn Chapita Wells Unit		ame and No.
lb. Type of Well: Oil Well Gas Well Other	*		ole Zone	8. Lease Name and Chapita Wells Unit		5X
2. Name of Operator EOG Resources, Inc.				9. API Well No.	047-	39600
3a. Address 1060 East Highway 40, Vernal UT 84078	3b. Ph	one No. (include area code)		10. Field and Pool, or		
1000 Edot Fighting 40, Vollar 07, 04010	435-7	781-9111	ĺ	Natural Buttes/Mes	saverde	
4. Location of Well (Report location clearly and in accordance with an	ty State r	requirements.*) 40.0400	064	11. Sec., T. R. M. or E	3lk.and Su	rvey or Area
At surface 965 FNL - 1937 FEL (NWNE) 40.040619 Lat At proposed prod. zone Same 634545 443335	109.42		24	15, T9S, R22E S.L	B.&M	
 Distance in miles and direction from nearest town or post office* 47.7 Miles South of Vernal, UT 				12. County or Parish Uintah		13. State UT
15. Distance from proposed* 965 location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 17. Spacin Suspend			ng Unit dedicated to this well ded		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Pi	roposed Depth	20. BLM/E NM 2308	1/BIA Bond No. on file 08		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4893-GL	22. A	pproximate date work will star	23. Estimated duration 45 Days			
	24.	Attachments	:			
The following, completed in accordance with the requirements of Onshor	re Oil ar	nd Gas Order No.1, must be at	tached to thi	s form:	 -	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office). 	Lands,	Item 20 above). the 5. Operator certific	ation	rmation and/or plans a:		•
25. Signature		Name (Printed Typed) Kaylene R. Gardner	-	•	Date 08/31/	2007
Title Lead Regulatory Assistant						
Approved by Signature		Name (Printed Typed) Date			-18-07	
Title	Office			 		
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	is legal (or equitable title to those right	ts in the subj	ect lease which would o	entitle the	applicant to

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

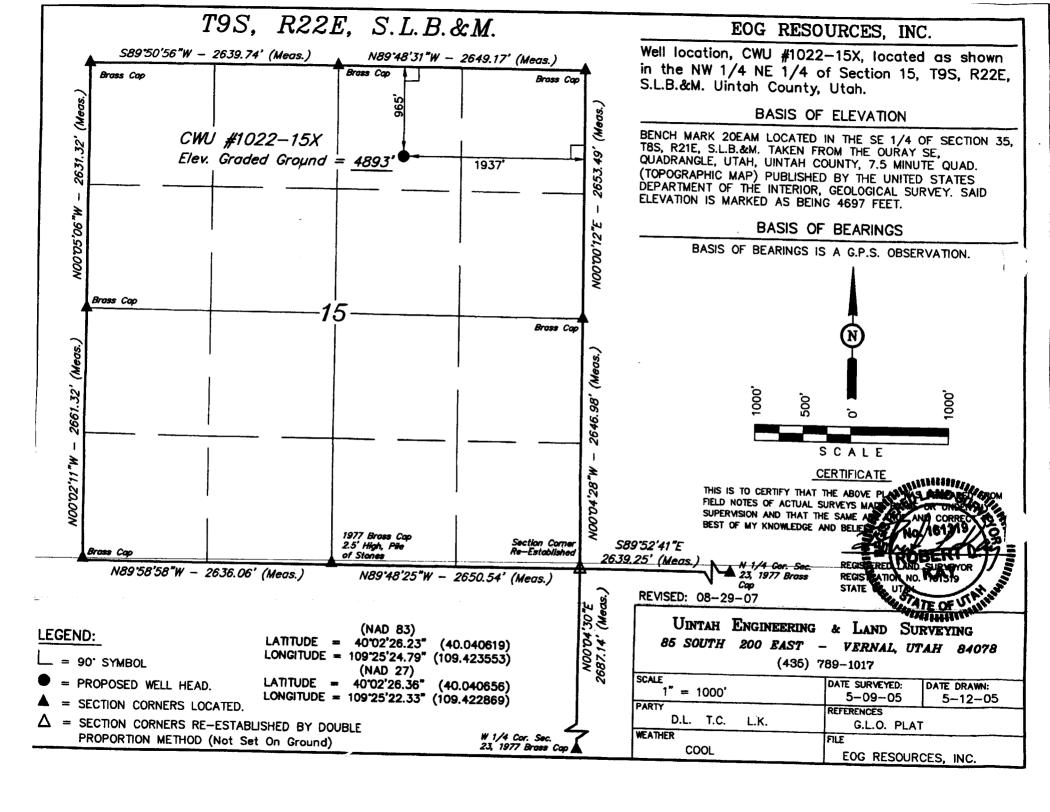
(Continued on page 2)

*(Instructions on page 2)

RIG SKID

RECEIVED SEP 0 5 2007

DIV. OF OIL, GAS & MINING



CHAPITA WELLS UNIT 1022-15X NW/NE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,919		Shale	
Wasatch	4,951		Sandstone	
Chapita Wells	5,532		Sandstone	
Buck Canyon	6,203		Sandstone	
North Horn	6,822		Sandstone	
KMV Price River	7,421	Primary	Sandstone	Gas
KMV Price River Middle	8,311	Primary	Sandstone	Gas
KMV Price River Lower	9,105	Primary	Sandstone	Gas
Sego	9,590		Sandstone	
TD .	9,785			*

Estimated TD: 9,785' or 200'± below Sego top

Anticipated BHP: 5,535 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	Size	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	<u>Tensile</u>
Conductor	17 ½"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

<u>CHAPITA WELLS UNIT 1022-15X</u> <u>NW/NE, SEC. 15, T9S, R22E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8 point plan-EOG 2 9/20/06

<u>CHAPITA WELLS UNIT 1022-15X</u> <u>NW/NE, SEC. 15, T9S, R22E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 153 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 983 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, $1.28 \text{ ft}^3/\text{sk.}$, 5.9 gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

<u>CHAPITA WELLS UNIT 1022-15X</u> <u>NW/NE, SEC. 15, T9S, R22E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

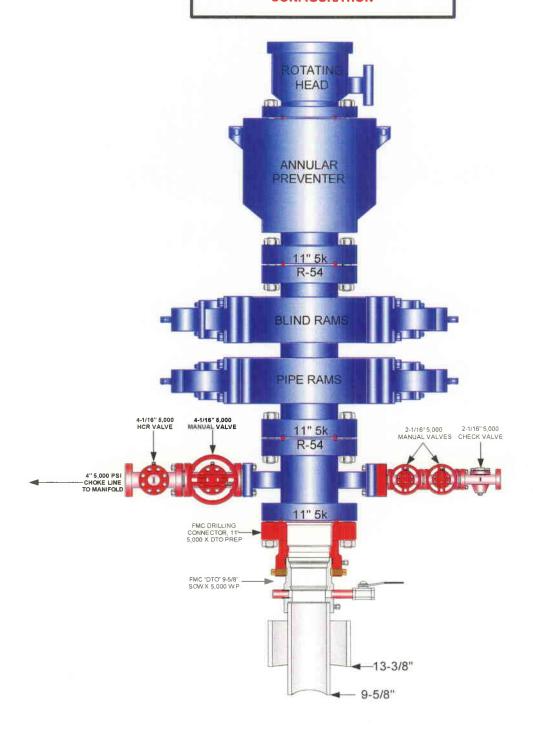
12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 16.9 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. An existing access road will be utilized to service this well. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 3*
- B. Producing wells 51*
- C. Shut in wells 2*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 mill plastic liner.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved interim seed mixture for this location is:

 Needle and Thread Grass 6 pounds per acre

 Hi-Crest Crested Wheat Grass 6 pounds per acre.

The final abandonment seed mixture for this location is:

Four-Wing Salt Bush – 3 pounds per acre Indian Rice Grass – 2 pounds per acre Needle and Thread Grass – 2 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre.

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil Northeast of Corner #5. The stockpiled location topsoil will be stored West of Corner #6. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the Northeast.

Corners #6 & #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: <u>Federal</u> Location: <u>Federal</u>

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used.
 - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable

facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

None

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CERTIFICATION:

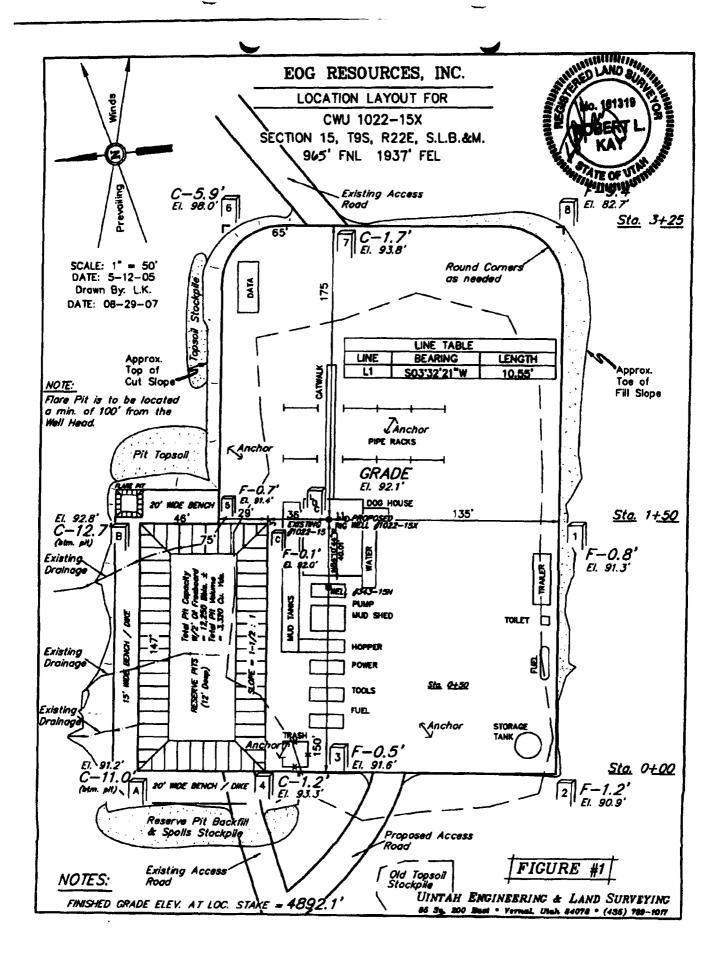
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

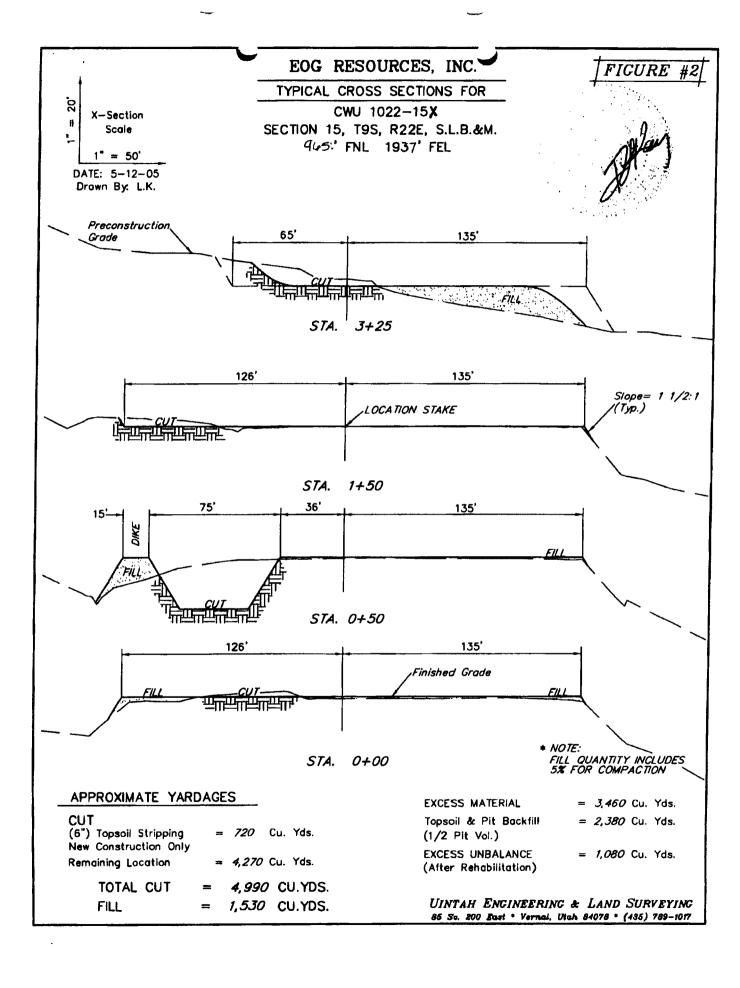
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1022-15X Well, located in the NWNE, of Section 15, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

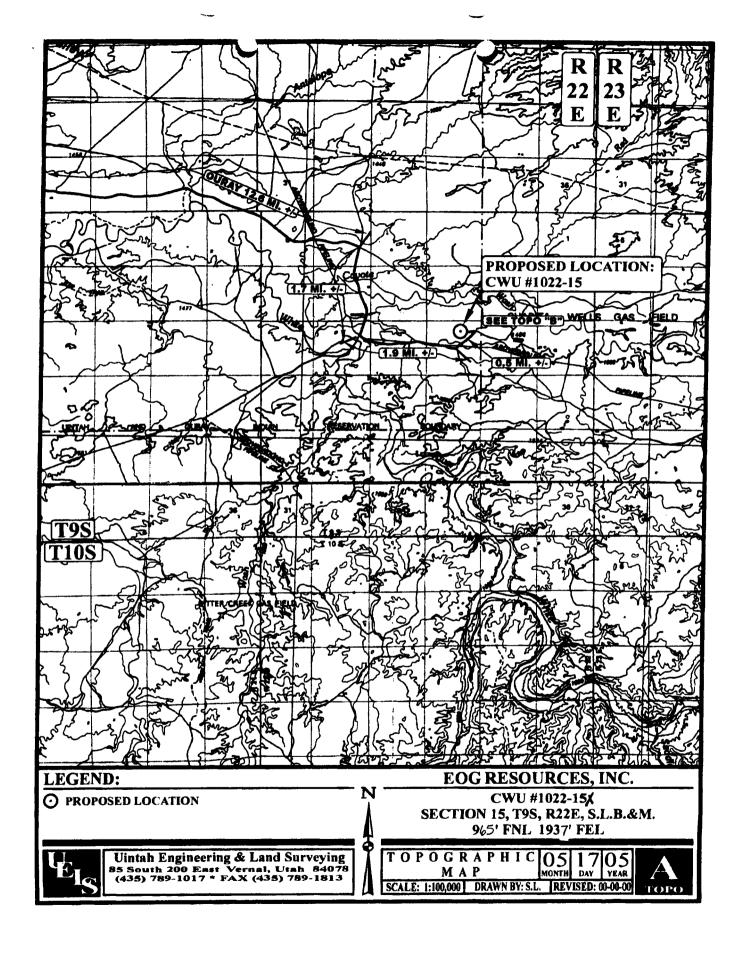
August 31, 2007

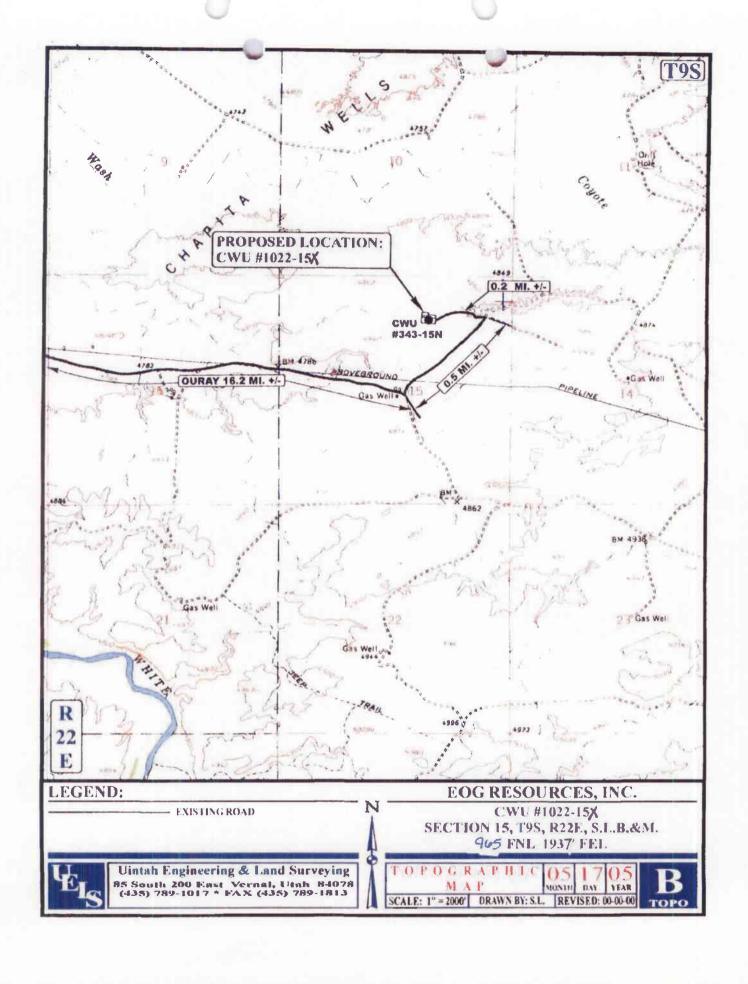
Date

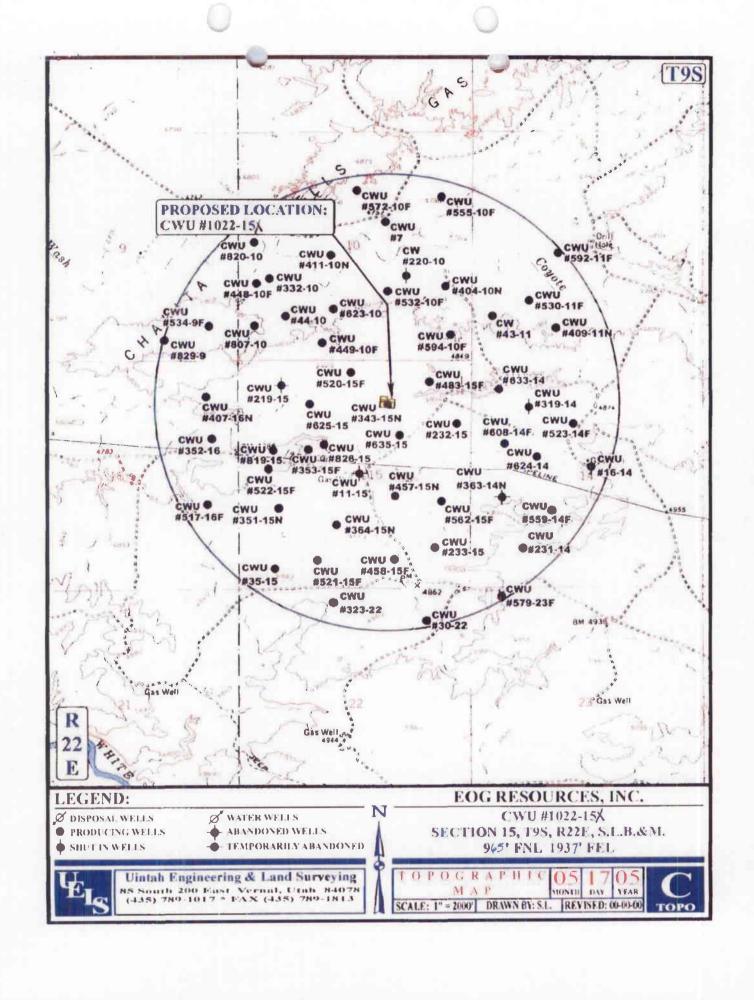
hene R. Gardner, Lead Regulatory Assistant





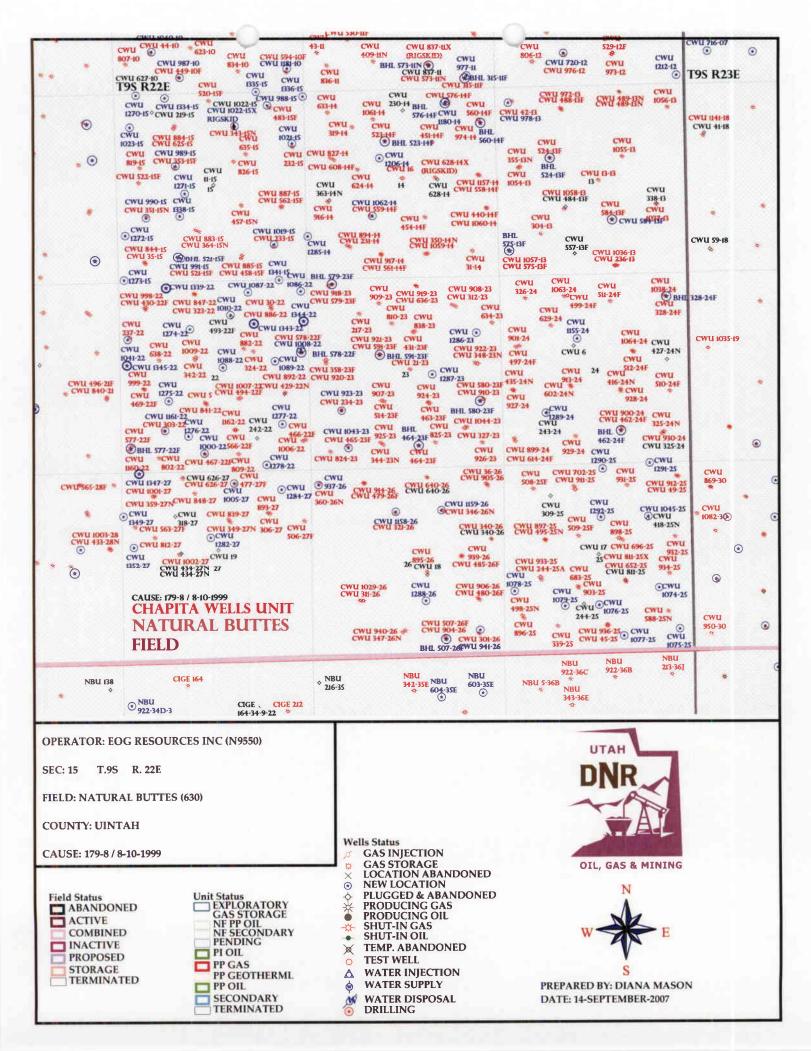






WORKSHEET — APPLICATION FOR PERMIT TO DRILL

			7.72		
APD RECEIVE	D: 09/05/2007 FRIG SI	(HD	API NO. ASSIG	GNED: 43-047	-39600
WELL NAME: OPERATOR: CONTACT:	CWU 1022-15X(RIGSKID) EOG RESOURCES INC (N9550) KAYLENE GARDNER		PHONE NUMBER:	435-781-9111	L
PROPOSED LO	OCATION:		INSPECT LOCATN	I BY: /	/
	15 090S 220E		Tech Review	Initials	Date
	0965 FNL 1937 FEL 0965 FNL 1937 FEL		Engineering		
COUNTY:			Geology		
	40.04066 LONGITUDE: -109.4229 EASTINGS: 634545 NORTHINGS: 44333	252	Surface		
	iE: NATURAL BUTTES (630				
LEASE TYPE: LEASE NUMBE SURFACE OWN			PROPOSED FORMA COALBED METHAN)
Plat Bond: (No. Potas Oil S Water (No. RDCC (Dat	Fed[1] Ind[] Sta[] Fee[] NM2308 h (Y/N) Shale 190-5 (B) or 190-3 or 190-13 Permit 49-1501 Review (Y/N) ce: Surf Agreement (Y/N) at to Commingle (Y/N)	R Unit:_ R R R	ON AND SITING: 649-2-3. CHAPITA WELLS 649-3-2. Gener 1ting: 460 From Q 649-3-3. Excep Prilling Unit Board Cause No: Eff Date: Siting:	tr/Qtr & 920' Be otion // 9-8	SANG
COMMENTS: _	15: 1- Joden 0 2-On (St	Jepring ()		



Form 3160-3 (August 2007)

RECEIVED VERNAL FIELD OFFICE

UNITED STATES DEPARTMENT OF THE INTERIOR 31
BUREAU OF LAND MANAGEMEN 31

FORM	APPR(VED
	lo. 1004	
Expires	July 31,	2010

5.	Leas	e S	Serial	No.
10	202	٨		

APPLICATION FOR PERMIT TO	6. If Indian, Allotee or Tribe Name					
la. Type of work:	7 If Unit or CA Agre Chapita Wells Unit	eement, Name and No.				
lb. Type of Well: ☐ Oil Well	✓s	ingle Zone Multip	ole Zone	8. Lease Name and Chapita Wells Unit		
2. Name of Operator EOG Resources, Inc.		Ric	iskid	9. API Well No.	2400	
3a. Address 1060 East Highway 40, Vernal UT 84078	3b. Phone N 435-781-9	0. (include area code))	10. Field and Pool, or Natural Buttes/Mes	. ,	
4. Location of Well (Report location clearly and in accordance with an	y State require	ments.*)		11. Sec., T. R. M. or B	Blk.and Survey or Area	
At surface 965 FNL - 1937 FEL (NWNE) 40.040619 Lat				15, T9S, R22E S.L	B.&M	
At proposed prod. zone Same						
14. Distance in miles and direction from nearest town or post office* 47.7 Miles South of Vernal, UT				12. County or Parish Uintah	13. State UT	
15. Distance from proposed* 965 location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 17. Spacin Suspend			ing Unit dedicated to this well		
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Propose 9785	ed Depth	20. BLM/ NM 230	LM/BIA Bond No. on file 2308		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4893 GL	22. Approx	oroximate date work will start* 23. Estimated duration 45 Days		n		
	24. Atta	chments				
The following, completed in accordance with the requirements of Onshor	re Oil and Gas	order No.1, must be a	ttached to th	is form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office). 	Lands, the	Item 20 above). 5. Operator certific	ation	•	existing bond on file (see	
25. Signature	Name	Name (Printed Typed)			Date	
Title Lead Regulatory Assistant	Kayl	ene R. Gardner	***************************************		08/31/2007	
Approved by (Signature)	Name	e (Printed Typed)			Date	
1 Konsel	-	ELLY KENOCK	4		8-31-2007	
Assistant Field Manager Lands & Mineral Resources	Offic	VERNAL F				
Application approval does not warrant or certify that the applicant hold	s legal or equ	itable title to those righ	ts in the sul	biect lease which would e	entitle the applicant to	

conduct operations thereon. Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED SEP 1 1 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



07CXS 0263 A



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources, Inc.
Well No: Chapita Wells Unit 1022-15X

Location: Lease No: NWNE Sec. 15, T9S, R22E

Well No: Chapita
API No: 43-047-

Agreement:

UTU-0283-A Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	, ,
NRS/Enviro Scientist:	•	(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
	· ·	Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 1022-15 **X** 10/2/2006

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Conditions for Approval are in the APD

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this would include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- During interim management of the surface, use the following seed mix:
 - o 9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.
- This location is on an existing location so there will be no buried pipeline.

Page 3 of 6 Well: CWU 1022-15 **X** 10/2/2006

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface casing. The
 minimum cement top is 200 ft above the surface casing shoe. To reach the annulus of
 the surface casing and production casing, operator is required to pump additional
 cement beyond the stated amounts of sacks in alication.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded
 in the daily drilling report. Components shall be operated and tested as required by
 Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE
 pressure tests shall be performed by a test pump with a chart recorder and NOT by the
 rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: CWU 1022-15 **X** 10/2/2006

- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) shall the BLM need to obtain additional information.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report
 of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
 which operations commence and continue each month until the well is physically
 plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
 Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip

Page 5 of 6 Well: CWU 1022-15 X 10/2/2006

logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - o Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and / or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.

Page 6 of 6 Well: CWU 1022-15 X 10/2/2006

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL)
 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field
 Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
 of the well, in order that a representative may witness plugging operations. If a well is
 suspended or abandoned, all pits must be fenced immediately until they are backfilled.
 The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within
 30 days after the actual plugging of the well bore, showing location of plugs, amount of
 cement in each, and amount of casing left in hole, and the current status of the surface
 restoration.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

F	ORM	APP	RO	VED
O	MB N	0.10	004-	0135
Ex	pires:	July	31.	2016

В		Expires: July 31, 2010					
SUNDRY		Lease Serial No. UTU0283A					
Do not use the abandoned we	6.	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRI	7.	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI					
Type of Well		8. Well Name and No. CHAPITA WELLS UNIT 1022-15					
2. Name of Operator EOG RESOURCES, INC.		9. API Well No. 43-047-37840					
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078		10. Field and Pool, or Exploratory NATURAL BUTTES/MESAVERDE					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11.	County or Parish, a	and State		
Sec 15 T9S R22E NWNE 954 40.04065 N Lat, 109.42355 W			1	UINTAH COUNTY, UT			
12. CHECK APPE	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF	NOTICE, REPO	RT, OR OTHÉI	R DATA		
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	<u> </u>	<u> </u>		
D Nation of Latest	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	■ Water Shut-Off		
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation		■ Well Integrity		
Subsequent Report Subsequent Re	☐ Casing Repair	■ New Construction	□ Recomplete		Other		
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	□ Temporarily	rarily Abandon			
	☐ Convert to Injection	☐ Plug Back	■ Water Dispo				
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fit EOG Resources, Inc. plugged 1. Placed 134 sacks cement to 2. Installed dry hole marker 3' P&A operations were witnesses	operations. If the operation results andonment Notices shall be filed on nal inspection.) and abandoned the reference of surface, below ground level.	in a multiple completion or rec ly after all requirements, inclu- ed well as per the followi	ompletion in a new in ding reclamation, hav	nterval, a Form 3160	0-4 shall be filed once		
14. I hereby certify that the foregoing is	Electronic Submission #5630 For EOG RESC	OURCES, INC., sent to the	Vernal				
Name (Printed/Typed) KAYLENE	R GARDNER	Title LEAD (REGULATORY A	SSISTANT			
Signature Bicerronic S	2007						
	THIS SPACE FOR F	EDERAL OR STATE	OFFICE USE				
Approved By		Title			Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive the applicant to conduct the applicant the applicant to conduct the applicant the app	itable title to those rights in the subj	warrant or ect lease Office					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT									1	Expires: July 31, 2010						
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. UTU0283A						
la. Type	of Well (Oil We	ll 🛛 Gas	Well	☐ Dry	0	Other		====				6. If	Indian, Alle	ottee o	or Tribe Name
b. Туре	e of Completic		New Well ner	□ Wo	ork Over	0	Deepen	☐ Plu	g Back		iff. Resv		7. U	nit or CA A	greem	ent Name and No.
2. Name	of Operator				Co	ntact:	KAYLEN	IF R GA	RDNER			- 1		ase Name a		
EOG	RESOURCE			E-Mail:			er@eogr	esource	s.com				С	HAPITA V	VELLS	S UNIT 1022-15
		_, UT 840	078	· · · · · ·			Ph	: 435-78		e area	code)			PI Well No.		43-047-37840
	ion of Well (R	_	•				-	•	s)*			L	N	ATURAL E	3ÚTT	
At surface NWSE 954FNL 1936FEL 40.04068 N Lat, 109.42311 W Lon At top prod interval reported below NWSE 954FNL 1936FEL 40.04068 N Lat, 109.42311 W Lon												[]	11. Sec., T., R., M., or Block and Survey or Area Sec 15 T9S R22E Mer SLB			
-	•	-	FNL 1936FE					·	9.3				12. (County or Pa	arish	13. State UT
14. Date		NOL 3041			Reached		3.42311		e Complet	_	<u> </u>				DF. K	B, RT, GL)*
	2/2007			9/04/200				⊠ D &			to Prod.				8 KB	
18. Total	l Depth:	MD TVD	180 180		19. Plu	g Back	T.D.:	MD TVD			20	Depth	pth Bridge Plug Set: MD TVD			
	Electric & O					of each	1)			1	Vas well Vas DST Direction	run?		No R	¬ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing	and Liner Re	cord (Rep	ort all strings	T			T	_					. 1			
Hole Size	Hole Size Size/Grade Wt. (#		Wt. (#/ft.)			1 -		Cemente Depth	ter No. of Sks. & Type of Cemer			Slurry Vol. (BBL)		Cement Top*		Amount Pulled
12.25	50								<u> </u>		}_					
			-	 	-				 							
			ļ ———			-			 							
				L					<u> </u>							
24. Tubir	<u> </u>	MDV I F)l Dl-	() (I))	C:	T 5.	.d. C . ()	<i>(</i> 2) ,	. 1 . 5.	1 O O	D) [. Т		4.0.00	<u> T</u>	P. J. D. J. (100)
Size	Depth Set ((UID) F	Packer Depth	(MD)	Size	De	oth Set (N	ון (עווי	Packer De	ptn (M.	<i>D)</i>	ize	Depth Set (MD) Packer Depth (MD)			
25. Produ	cing Intervals					2	6. Perfora	tion Rec	ord							
	Formation		Тор		Botton		P	erforated	Interval		S	ize	N	lo. Holes		Perf. Status
<u>A)</u>			 										╄			
B) C)				 +									╀			
D)						_				<u> </u>	+		\vdash			
	Fracture, Trea	tment, Ce	ment Squeeze	e, Etc.												
	Depth Interv	/al						A	mount and	l Type	of Mater	ial				
28. Produc	ction - Interva	1 A											•			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil G Corr			as travity	Pro	oductio	on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:C Ratio	Pil	V	Vell Status					
28a. Produ	uction - Interv	al B		Щ			L							· · · · · ·		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil G Corr.			ias iravity	Pro	oductio	on Method	_	
Choke Size	Tbg, Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:C Ratio	Pil	v	Vell Status					

SI

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #56307 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Prod	luction - Inter	rval C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	Production Metho			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
28c Prod	uction - Inter	val D		<u> </u>			<u> </u>					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Comit	Gas		Bud ada Mahad		***
Produced	Date	Tested	Production	BBL	MCF	BBL	Oil Gravity Corr. API	Grav	ity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oíl Ratio	Weil	Status			
	sition of Gas NOWN	(Sold, used	for fuel, ven	ted, etc.)			_	<u>'</u>				
30. Summ	nary of Porou	s Zones (In	clude Aquife	ers):					31. Fo	rmation (Log) Ma	irkers	
tests,	all important including dep coveries.	zones of po oth interval	orosity and c tested, cushi	ontents the on used, tin	reof: Corec ne tool ope	f intervals and a n, flowing and	all drill-stem shut-in pressure	es				
	Formation	į	Тор	Botton	ı	Description	ns, Contents, etc	c.		Name	Top Meas. Depth	
					ļ							
		ĺ										
Plugg	onal remarks ed with 134 d level.	(include pl	ugging proce lland ceme	edure): nt to surfa	ce. Dry ho	le marker inst	alled 3' below	- 111111	.1			
groun	u levei.											
33. Circle	enclosed atta	chments:										····
1. Ele	ctrical/Mecha	nical Logs	(1 full set re	q'd.)		2. Geologic I	Report	3.	DST Re	port	4. Direction	nal Survey
5. Sun	dry Notice fo	or plugging	and cement	verification	1	6. Core Anal	ysis	7	Other:			
34. I hereb	y certify that	the foregoi	ng and attac	hed inform	ation is cor	nplete and corr	ect as determin	ed from all	available	records (see attac	ched instruction	ons):
			Elect			6307 Verified I ESOURCES, I			ation Sys	stem.		
Name ((please print)	KAYLEM	R GARDI	NER	.		Title <u>L</u>	EAD REG	SULATO	RY ASSISTANT	·	
Signati	ure PK	OFICIENT	g S db (ssi	SMA, I			Date ∩	9/12/2007	,			
Jigilah			0000	x.mvv4/			Date	U IZIZUUI		• " " " " " " " " " " " " " " " " " " "		
						it a crime for a				to make to any de	epartment or a	gency

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 17, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MesaVerde)

43-047-50005 CWU 1350-27 Sec 27 T09S R22E 1229 FNL 1509 FWL

43-047-39600 CWU 1022-15X Sec 15 T09S R22E 0965 FNL 1937 FEL (Rig Skid - Previously)
43-047-37840 CWU 1022-15 Sec 15 T09S R22E 0954 FNL 1936 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-17-07



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA Division Director

September 18, 2007

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re: Chapita Wells Unit 1022-15X Well, 965' FNL, 1937' FEL, NW NE, Sec. 15, T. 9 South,

R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39600.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.					
Well Name & Number	Chapita Wells Unit 1022-15X					
API Number:	43-047-39600					
Lease:	U-0283-A					
Location: NW NE	Sec. 15 T. 9 South R. 22 East					

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160-5 (August 2007)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

5. Lease Serial No. U-0283-A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

·						
SUBMI	T IN TRIPLICATE - Other	instructions on page 2	2.	_	ement, Name and/or No.	
1. Type of Well				Chapita Wells Unit		
Oil Well Gas W	/ell Other			8. Well Name and No Chapita Wells Unit		
2. Name of Operator EOG Resources, Inc.				9. API Well No. 43-047-39600		
3a. Address 600 17th Street, Suite 1000N		3b. Phone No. (include	area code)	10. Field and Pool or	•	
Denver, CO 80202		(303) 262-2812		Natural Buttes/Mes		
 Location of Well (Footage, Sec., T., Post FNL & 1,937' FEL (NWNE) Sec. 15-T9S-R. 				11. Country or Parish, Uintah County, Utal		
				•		
	CK THE APPROPRIATE BO	OX(ES) TO INDICATE I			ER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION		
Notice of Intent Acidize Alter Casing		Deepen Fracture Treat	=	uction (Start/Resume) amation	☐ Water Shut-Off ☐ Well Integrity	
✓ Subsequent Report	Casing Repair	New Construc	tion Reco	mplete	✓ Other Well spud	
C succeedaring to be a second and the second and th	Change Plans	Plug and Abar	ndon	oorarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	r Disposal		
The referenced well spud on 8/31/2	007.					
					RECEIVED	
					SEP 2 0 2007	
				DIV	/. OF OIL, GAS & MINING	
14. I hereby certify that the foregoing is to Name (Printed/Typed) Carrie MacDonald Signature	rue and correct.	0	Operations Clerk			
- Chong	THIS SPACE	FOR FEDERAL	OR STATE OF	FICE USE		_
Approved by		I			State Office and the Control of C	
		ļ	itle		Date	
Conditions of approval, if any, are attache that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subje	s not warrant or certify	Office			
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements of repr	U.S.C. Section 1212, make it a		owingly and willfully	o make to any departme	nt or agency of the United States any fa	lse,

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

zip 80202 state CO

Phone Number: _(303) 262-2812

Well 1

	API Number	Well	Name	QQ	Sec	Twp	Ring	County
/	43-047-38961	CHAPITA WELLS UN	IIT 963-33	SESW	33	98	23E	UINTAH
	Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment ectivé Date
	*B	99999	13650	9	/14/200	7	9/	35/07

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County		
43-047-39600	CHAPITA WELLS U	CHAPITA WELLS UNIT 1022-15X		NWNE 15 9S			22E UINTAH		
Action Code	Current Entity New Entity Number Number		Spud Date			ity Assignment Effective Date			
Α	99999	13650	8	3/31/200	7	9	126/07		
Comments:	nURD					,	,		

Wall 3

API Number	Well Name			QQ Sec Twp		Rng County	
Action Code	Current Entity Number	New Entity Number		Spud Dat			 tity Assignment Effective Date
Comments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

SEP 2 0 2007

(5/2000)

Carrie MacDonald Napre (Please Print) Signature **Operations Clerk** 9/19/2007 Title Date

DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

F	ORM A	PP	RO'	VED
O	MB No	. 10	04-	013
Ex	nires: J	ulv	31	201

5. Lease Serial No. U-0283-A

Do not use the		ORTS ON WELLS to drill or to re-enter a APD) for such proposa		6. If Indian, Allottee o	or Tribe Name
SUE	BMIT IN TRIPLICATE - Other	er instructions on page 2.			ement, Name and/or No.
1. Type of Well	· · · · · · · · · · · · · · · · · · ·			Chapita Wells Unit	
Oil Well	as Well Other			8. Well Name and No. Chapita Wells Unit	
2. Name of Operator EOG Resources, Inc.				9. API Well No. 43-047-39600	
3a. Address 600 17th Street, Suite 1000N		3b. Phone No. (include area c	ode)	10. Field and Pool or I	Exploratory Area
Denver, CO 80202		(303) 262-2812		Natural Buttes/Mesa	averde
4. Location of Well (Footage, Sec.	T.,R.,M., or Survey Description	n)		11. Country or Parish,	State
965' FNL & 1,937' FEL (NWNE) Sec. 15-T9	S-R22E 40.040619 LAT 109.423553	LON		Uintah County, Utah	1
12. CI	HECK THE APPROPRIATE B	OX(ES) TO INDICATE NATUR	RE OF NOTIO	CE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		T	YPE OF ACT	rion	
✓ Notice of Intent	Acidize	Deepen Deepen	Prod	luction (Start/Resume)	Water Shut-Off
LE I MONOCO DI MINOM	Alter Casing	Fracture Treat	Recl	lamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Reco	omplete	Other
	Change Plans	Plug and Abandon	Tem	porarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	✓ Wate	er Disposal	
		ertinent details, including estimat			k and approximate duration thereof. I

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD

determined that the site is ready for final inspection.)

- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has

> **RECEIVED** SEP 2 0 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true a Name (Printed/Typed) Carrie MacDonald		tle Operations Clerk		
Signature Characteristics	D	ate 09/07/2007		
	THIS SPACE FOR FEDERA	AL OR STATE OFFIC	E USE	
Approved by				
		Title	Date	
Conditions of approval, if any, are attached. A that the applicant holds legal or equitable title to entitle the applicant to conduct operations there	o those rights in the subject lease which would			
Title 18 U.S.C. Section 1001 and Title 43 U.S.	C. Section 1212 make it a crime for any perso	knowingly and willfully to m	ake to any department or agency of the United	States any false

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease 9
UTUC

 Lease Serial No. UTU0283A		-	_

abandoned we	ii. Use form 3160-3 (AP	D) for such p	roposals.		6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. _S UNI
1. Type of Well	8. Well Name and No.	1 Rie				
Oil Well 🛮 Gas Well 🔲 Oth					CHAPITA WELLS	SUNIT 1022-15X (3)
Name of Operator EOG RESOURCES INC	Contact: E-Mail: mary_mae	MARY A MAE stas@eogresou			9. API Well No. 43-047- 3784 0	39600
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. Ph: 303-82	(include area code 4-5526	e)	10. Field and Pool, or NATURAL BUT	Exploratory TES/MESAVERDE
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish,	and State
Sec 15 T9S R22E NWNE 965 40.04062 N Lat, 109.42355 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Deep	en	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ure Treat	☐ Reclam	ation	■ Well Integrity
■ Subsequent Report	□ Casing Repair	□ New	Construction	☐ Recomp	olete	Other
☐ Final Abandonment Notice	□ Change Plans	☐ Plug	and Abandon	□ Tempor	arily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug	Back	■ Water I	Disposal	
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for f. The referenced well was turne report for drilling and completi	rk will be performed or provide operations. If the operation re bandonment Notices shall be fil inal inspection.) ed to sales on 12/1/2007. on operations performed	the Bond No. on sults in a multiple ed only after all r Please see th	file with BLM/BI. completion or recequirements, inclu- e attached ope	A. Required sultompletion in a siding reclamation	osequent reports shall be new interval, a Form 316 n, have been completed,	filed within 30 days 0-4 shall be filed once
The Thorough Certary didn't die Totogonig is	Electronic Submission	#57387 verified RESOURCES	by the BLM We NC, sent to the	II Information Vernal	System	
Name(Printed/Typed) MARY A	MAESTAS		Title REGU	LATORY AS	SISTANT	
Signature (Linesurpnic S	Submission) Mau a		Date 12/03/2	2007		
<u> </u>	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attache						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

which would entitle the applicant to conduct operations thereon.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

WELL CHRONOLOGY REPORT

Report Generated On: 12-03-2007

Well Name	CWU 1022-15X	Well Type	DEVG	Division	DENVER						
Field	CHAPITA DEEP	API#	43-047-39600	Well Class	1SA						
County, State	UINTAH, UT	Spud Date	10-02-2007	Class Date							
Tax Credit	N	TVD/MD	9,785/ 9,785	Property #	062504						
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0						
KB / GL Elev	4,909/ 4,892										
Location	Section 15, T9S, R22E, NW/N	NE, 965 FNL & 1937 F	EL	Section 15, T9S, R22E, NW/NE, 965 FNL & 1937 FEL							

Event No	1.0			Description	DR	ILL & COMPLETE	Ξ					
Operator	EOG RESOURCES, INC		ES, INC	WI %	100).0		NRI %		82.07		
AFE No		306082		AFE Total		1,929,800		DHC/C	cwc	1,010),500/ 919,300	
Rig Contr	ENSI	GN	Rig Name	e ENSIGN#	‡ 72	Start Date	09-	-032007	Release	Date	10-15-2007	
09-03-2007	Re	ported By	SI	HARON CAUDILL								
DailyCosts: D	rilling	\$0		Comple	etion	\$0		Dail	y Total	\$0		
Cum Costs: D	rilling	\$0		Comple	etion	\$0		Well	Total	\$0		
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0	
Formation:			PBTD : 0	0.0		Perf:			PKR D	epth : 0.	0	

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

965' FNL & 1937' FEL (NW/NE)

SECTION 15, T9S, R22E UINTAH COUNTY, UTAH

LAT 40.040656, LONG 109.422869 (NAD 27) LAT 40.040619, LONG 109.423553 (NAD 83)

RIG: ENSIGN #72 OBJECTIVE: 9785' TD

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: (NOT ON PLAT)' NAT GL, 4892.1' PREP GL (DUE TO ROUNDING 4892' IS THE PREP GL), 4908' KB

(16')

EOG BPO WI 100%, NRI 82.06961% EOG APO WI 53.7326%, NRI 46.21689%

09-04-2007	R	eported By	J	ERRY BARNES							
DailyCosts: Da	rilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Well 7	Total .	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.0				Perf:			PKR De	pth: 0.0	
Activity at Re	nort Ti	ma· BIII DI (CATION	1							

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24 () I OCATION STARTED 8/31/07 ROCKY MOUNTAIN DRU LING SPUD & 20" HOLE ON 8/31/

50' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 8/31/2007 @ 18:30 AM.

09-11-2007	Re	eported By	JE	ERRY BARNES							
DailyCosts:	Drilling	\$161,	720	Com	pletion	\$0		Daily	Total	\$161,720	
Cum Costs:	Drilling	\$161,	720	Com	pletion	\$0		Well 7	Total	\$161,720	
MD	2,443	TVD	2,443	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	Formation: PBTD:			0.0		Perf:			PKR De	oth: 0.0	

Activity at Report Time: WORT

 Start
 End
 Hrs
 Activity Description

 06:00
 06:00
 24.0 MIRU CRAIG'S AIR RIG #3 ON 9/2/2007. DRILLED 12–1/4" HOLE TO 2490' GL. EN

24.0 MIRU CRAIG'S AIR RIG #3 ON 9/2/2007. DRILLED 12–1/4" HOLE TO 2490' GL. ENCOUNTERED WATER @ 1260'. RAN 57 JTS (2427.10') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2443' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 180 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (150 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/ SX GILSONITE, 3#/ SX GR-3, 3% SALT & ½ #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (40.9 BBLS) OF PREMIUM CEMENT W/2% CACL2 & ¼ #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/180 BBLS FRESH WATER. BUMPED PLUG W/900# @ 10:03 AM, 9/6/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 15 BBLS INTO GELLED WATER. CEMENT TO SURFACE 150 BBLS INTO DISPLACEMENT. LOST RETURNS 164 BBLS INTO DISPLACEMENT. REGAINED RETURNS 169 BBLS INTO DISPLACEMENT. LOST RETURNS 170 BBLS INTO DISPLACEMENT. REGAINED CIRCULATION 175 BBLS INTO DISPLACEMENT. CIRCULATED 18 BBLS LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 150 SX (30.7 BBLS) OF PREMIUM CEMENT W/4% CaCl2 & ¼#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED APPROXIMATELY 2 BBLS LEAD CEMENT TO PIT. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 2 HRS 45 MINUTES.

TOP JOB # 2: MIXED & PUMPED 75 SX (15.3 BBLS) OF PREMIUM CEMENT W/4% CaCl2, & $\frac{1}{4}$ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2263', 5 DEGREE. TAGGED @ 2283'.

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/4/2007 @ 3-30 PM

		9/4/	2007 @ 3:3	0 PM.							
09-30-20	07 Re	ported By	D	OUG GRINOLE	S						
DailyCost	s: Drilling	\$7,861		Com	pletion	\$0		Daily	Total	\$7,861	
Cum Cost	ts: Drilling	\$169,5	81	Com	pletion	\$0		Well Total		\$169,581	
MD	2,443	TVD	2,443	Progress	0	Days	0	\mathbf{MW}	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth : 0.0	
Activity a	t Report Tii	me: RURT									
Start	End	Hrs Act	ivity Desc	cription							
06:00	06:00		DOWN, P E MOVE	REPAIR TO MO	VE TO CI	IAPITA WEL	LL 1022-15X	, LAY DERR	ICK DOWN	@ 14:30 HRS,	9/29/07, 2.8
		SAF	ETY MEE	TINGS ON LOV	VERING I	ERRICK, RI	ORT				
		FUI	L CREWS	1							
		NO	ACCIDEN'	TS							
		TRA	NSFER 51	100 GAL RIG FU	JEL FROM	1 CWU 987-	10 TO CWU	1022-15X			
10-01-20	07 Re	ported By	T	ERRY BEHREN	D						
DailyCost	s: Drilling	\$21,42	.1	Com	pletion	\$0		Daily	Total	\$21,421	
Cum Cost	ts: Drilling	\$191,0	002	Com	pletion	\$0		Well	Total	\$191,002	
MD	2,443	TVD	2,443	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: RIG UP.									
Start	End	Hrs Act	ivity Desc	cription							
06:00	18:00	12.0 MIF	U. NIPPLE	E UP BOP, SPOT	MATS FO	OR SUB, SET	SUB, SET P	ITS, PIN DE	RRICK TO S	UB.	
18:00	06:00			JMPS & BACK Y GASSER & CHO							
				LL BUT 2 TRUC IG TO COMPLE			OWN FOR T	THE NIGHT	@ 20:00:00 F	IOURS. RETUR	INING IN
		SAF	ETY MEE	TING: MOVING	RIG						
		NO	ACCIDEN	TS.							
		FUI	L CREWS	5.							
		FUE	L ON HAI	ND 4552 GAL.							
			L USED 4								
				MIE SPARGER		TEST TIME I	FOR BOP @	11:00:00 HR	S 9/30/07. LE	FT MESSAGE	ON PHONE
10-02-20	07 Re	eported By	T	ERRY BEHREN	D						
DailyCost	s: Drilling	\$36,78	39	Con	pletion	\$0		Daily	Total	\$36,789	
Cum Cost	ts: Drilling	\$227,7	91	Con	pletion	\$0		Well	Total	\$227,791	
MD	2,443	TVD	2,443	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRILLIN	G OUT SH	IOE							
Start	End	Hrs Act	ivity Desc	cription							
06:00	13:00	7.0 RA	SE DERRI	CK AT DAY LIC	GHT. UNB	RIDLE BLO	CKS. FILL R	IG TANK AN	D UPRIGHT	WITH FRESH	WATER.

13:00	19:00	6.0 HOLD PJSM WITH TESTERS & CREW. TEST BOPE. TEST CSG TO 1,500 PSI FOR 30 MINUTES (GOOD TEST). TEST ANNULAR TO 250 PSI LOW, 3000 PSI HIGH. TEST PIPE RAMS, LOWER KELLY COCK, INSIDE CHOKE & KILL VALVES, 250 PSI LOW, 5000 PSI HIGH, TEST PIPE RAMS, FLOOR SAFETY VALVE, CHOKE HCR, 250 PSI LOW, 5000 PSI HIGH, TEST DART VALVE, PIPE RAMS, OUTSIDE VALVES CHOKE MANIFOLD, 250 PSI LOW, 5000 PSI HIGH, TEST BLIND RAMS, & CHOKE MANIFOLD VALVES TO 250 PSI LOW, 5000 PSI HIGH. HAD A FEW LEAKS ON FLANGES TIGHTENED ALL FLANGES, GOOD TEST.
19:00	19:30	0.5 INSTALL WEAR BUSHING.
19:30	01:00	5.5 HOLD PJSM WITH WEATHERFORD LD/PU TRUCK CREW. RU WEATHERFORD LD TRUCK. PU BHA & DP TO 2322'. TAGGED CMT W/10–15K WOB.
01:00	02:00	1.0 RD WEATHERFORD LD TRUCK & EQUIPMENT.
02:00	03:30	1.5 TORQUE KELLY UP. INSTALL ROT. HEAD RUBBER.
03:30	06:00	2.5 DRILL CEMENT/FLOAT EQUIP. F/2322' – TO/2389', RT 30–40 RPM, MTR 53 RPM, 90 SPM, 332 GPM, 723 PSI, 5–15KWOB.

SAFETY MEETING: TESTING BOPE & PICKING UP BHA

NO ACCIDENTS.

FULL CREWS.

05:30

06:00

FUEL ON HAND 4242 GAL.

			FUEL USED 3	10 GAL							
10-03-2	007 R	Reported 1	Ву Т	ERRY BEHRE	ND						
DailyCos	sts: Drilling	\$	71,358	Co	mpletion	\$0		Dai	ly Total	\$71,358	
Cum Cos	sts: Drilling	\$	299,149	Cor		\$0		We	ll Total	\$299,149	
MD	3,708	TVD	3,708	Progress	1,165	Days	1	MW	8.9	Visc	28.0
Formatio	on:		PBTD : 0	0.0		Perf:			PKR De	e pth: 0.0	
Activity :	at Report T	ime: DRI	LLING								
Start	End	Hrs	Activity Desc	cription							
06:00	09:00	3.0	DRILL CEMEI 15KWOB.	NT/FLOAT EQ	UIP. F/2322	' – TO/2469	o', RT 30-40 I	RPM, MTR	53 RPM, 90 S	PM, 332 GPM	, 723 PSI, 5–
09:00	09:30	0.5	SERVICE RIG								
09:30	10:00	0.5	DRILL CEME						53 RPM, 90 S	PM, 332 GPM	, 723 PSI, 5–
10:00	10:30	0.5	CIRCULATE & PSI HELD. MV				OM. PERFO	RM FIT W/8	3.7 PP G WATE	ER, PRESSUR	E UP TO 300
10:30	11:00	0.5	C/O ROT. HEA	D RUBBER F	OR NEW R	UBBER.					
11:00	14:30	3.5	DRILL F/2530 INTRODUCE					8 GPM, RPM	M MTR 56-59	, RT RPM 50-	-60, 53 FPH.
14:30	15:00	0.5	CIRCULATE &	& SURVEY @ :	2640' SURV	EY DEPTH	7 DEGREES	S.			
15:00	18:00	3.0	DRILL F/2716 INTRODUCE				*			, RT RPM 60-	-70, 62 FPH.
18:00	18:30	0.5	KELLY BUSH	INGS HUNG U	JP IN ROTA	RY BUSHI	NGS. FREE I	KELLY FRO	M BUSHING	S.	
18:30	22:00	3.5	DRILL F/2902 INTRODUCE HELP CLEAN	MUD FROM P	RE MIX TO	SYSTEM S	SLOWLY. PR	E MIX MUI		,	, . ,
22:00	22:30	0.5	CIRCULATE &	& SURVEY @	3142'=6.25	DEGREES.					
22:30	05:30	7.0	DRILL F/3212	' – TO/3708', 1	8-20K WO	B, 95-100 S	SPM, 350-368	GPM, RPM	1 MTR 56-59.	, RT RPM 60-	70, FPH.

HELP CLEAN WELL BORE/SAWDUST MIXED IN FOR ANY SEEPAGE.

0.5 CIRCULAT & SURVEY @ 3638'= 2 DEGREES.

INTRODUCE MUD FROM PRE MIX TO SYSTEM SLOWLY. PRE MIX MUD 11 PPG. PUMP HI-VIS SWEEPS TO

Property: 062504

SAFETY MEETING: MOUSE HOLE CONNECTIONS/AIR HOIST.

NO ACCIDENTS.

FULL CREWS.

FUEL ON HAND 3483 GAL.

FUEL USED 759 GAL.

MUD WT. 9.0PPG, VIS. 30.

BOP DRILL MORNING TOUR 3-MIN.

LITHOLOGY:

BG GAS: 200-500 U.

CONN. GAS: 900-1500U.

DOWN TIME GAS: 4958U @ 3212'.

HIGH FORM. GAS: 5767U @ 3119'.

FORMATION: GREEN RIVER 1919'.

SS: 25%.

SH: 55%.

LS: 20%

06:00

SPUD 7 7/8" HOLE AT 11:00 HRS, 10/2/07.

10-04-2007	Re	eported By	TI	ERRY BEHREN	ND/PETE A	YOTTE					· ·
DailyCosts:	Drilling	\$29,0	677	Cor	npletion	\$0		Daily	Total	\$29,677	
Cum Costs: Drilling \$328,826		3,826	Completion \$0			Well Total			\$328,826		
MD	5,303	TVD	5,303	Progress	1,595	Days	2	MW	9.0	Visc	31.0
Formation:	ormation: PBTD:			0.0		Perf:			PKR De	oth: 0.0	

Activity at Report Time: DRILLING

Activity a	t Report Ti	me: DRII	LLING
Start	End	Hrs	Activity Description
06:00	15:00	9.0	DRILL FROM 3708' TO 4328', 620' AT 68.89'/HR, 16–18K WOB, 50–60 RPM, 66 MOTOR RPM, 1100 PSI AT 113 STROKES OFF BOTTOM, 100–250 PSI DIFFERENTIAL, 416 GPM.
			HOLE STARTED SEEPING 10–15 BBLS. OF MUD/HR. AT 3957'. MIXING 3 SXS LCM/HR. PUMPING 20 BBL., 50 VIS SWEEPS WITH 5 SXS LCM EVERY 250'.
15:00	15:30	0.5	SERVICE RIG, OPERATE COM AND PIPE RAMS.
15:30	18:30	3.0	DRILL FROM 4328' TO 4545', 217 ' AT 72.34 '/HR., SAME PARAMETERS AS ABOVE, HOLE STILL SEEPING $10-15$ BBL/HR OF MUD.
18:30	19:00	0.5	SURVEY, MISS RUN
19:00	20:00	1.0	DRILL FROM 4545' TO 4607', 62' AT 62'/HR, SAME PARAMETERS AS ABOVE.
20:00	20:30	0.5	SURVEY, 1.75* AT 4537'
20:30	06:00	9.5	DRILL FROM 4607' TO 5303', 696' AT 73.27'/HR, 15–20K WOB, 50–60 RPM, 66 MOTOR RPM, 1290 PSI AT 112 STROKES OFF BOTTOM. 100–250 PSI DIFFERENTIAL. 413 GPM.
			NO ACCIDENTS. FULL CREWS.
			SAFETY MEETINGS ON SURVEYS AND CLEANING LIGHT PLANT.
			FUEL ON HAND 2753 GALS., USED 730 GALS.
			MUD WT 9.5, VIS 32.
			WASATCH TOP 4963', PROG. AT 4951'.
			LOGGER JODY HALEY, STARTED 1200 HRS.,10/1/2007. DAYS, 3.
			LITHOLOGY:SS 20%, SH 45%, LS 15%, RED SH 20%.
			BG GAS 200–500U, CONN GAS 900–1500U, HIGH GAS 2570U AT 3832', SURVEY GAS 1313U.
			NO FLOW OR FLARE.

LOSSES THIS MORNING ARE 1–7 BBLS/HR. ADDING PRE MIX WITH LCM IN IT

10-05-20	07 Re	ported By	PE	TE AYOTTE					*********		
	s: Drilling	\$91,333			pletion	\$0		Dails	Total Total	\$91,333	
-	ts: Drilling	\$420,10			pletion	\$0		•	Total	\$420,160	
MD	6,643	TVD	6,643		1,340		3	MW	9.7		35.0
Formation			0,043 PBTD: 0.	Progress	1,540	Days Perf :	,	IVI VV		Visc	33.0
		me: DRILLING		.0		ren:			PKR De	Jun : 0.0	
_	_										
Start 06:00	End 11:30	5.5 DRII		•						RPM, 1375 PSI BBL/HR.	AT 112
11:30	12:30			SWIVEL PAC							
12:30	13:00	0.5 SER	VICE RIG,	OPERATE PIP	E RAMS A	ND COM.					
13:00	06:00			5565' TO 6643'. BOTTOM, 100				•	-	RPM, 1475 PSI HR.	AT 112
		NO A	ACCIDENT	rs, full crev	VS.						
		SAF	ETY MEE	TINGS ON MU	D BUCKE	T USE AND M.	AKING CO	ONNECTION	IS.		
		FUE	L ON HAN	ND 6127 GALS.	, USED 76	1 GALS.					
		MUI	O WT 10 P	PG, VIS 36.							
		CHA	PITA WEL	LLS TOP AT 550	60', PROG	TOP 5532'.					
		BUC	K CANYO	N TOP AT 6209	9', PROG T	OP 6203'.					
		BOP	DRILL HI	ELD ON DAYS	WELL SE	CURED IN 2 N	IINS.				
		LOG	GER JODY	Y HALEY, 4 DA	YS.						
		LITH	HOLOGY:	SS 30%, SH 259	%, RED SH	I 45%.					
				50U, CONN G			4034U A	Г 5846'.			
				G 20 BBL/HR A	AT REPOR	T TIME					
10-06-20		eported By	PE	ETE AYOTTE							
DailyCost	ts: Drilling	\$33,20	3	Con	npletion	\$4,579		Daily	Total	\$37,782	
Cum Cos	ts: Drilling	\$453,3	63	Con	apletion	\$4,579		Well	Total	\$457,942	
MD	7,225	CHOICE CON						******	1000		
		TVD	7,225	Progress	582	Days	4	MW	10.1	Visc	39.0
Formatio	n:		7,225 PBTD: 0	Ü	582	Days Perf :	4				39.0
			PBTD : 0	.0	582	•	4		10.1		39.0
Activity a		me: DRILLIN	PBTD : 0	.0	582	•	4		10.1		39.0
Activity a	t Report Ti	me: DRILLING Hrs Acti 10.0 DRII	PBTD: 0 G AT 72253 ivity Desc	on on the contract of the cont	, 287° AT 2	Perf : 8.7'/HR., 18–22	⊇K WOB, :	MW 50–60 RPM,	10.1 PKR De 66 MOTOR F	pth: 0.0 RPM, 1580 PSI A	
Activity a Start	t Report Ti	me: DRILLING Hrs Acti 10.0 DRII STR	PBTD: 0 G AT 7225 ivity Desc LL FROM OKES OFF	.0 r iption 6643' TO 6930'	, 287° AT 2 D–250 PSI 1	Perf : 8.7'/HR., 18–22 DIFFERENTIA	⊇K WOB, :	MW 50–60 RPM,	10.1 PKR De 66 MOTOR F	pth: 0.0 RPM, 1580 PSI A	
Activity a Start 06:00	nt Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII	PBTD: 0 G AT 7225 ivity Desc LL FROM OKES OFF SERVICE, LL FROM	ription 6643' TO 6930' BOTTOM, 100 OPERATE PIP	, 287' AT 2 D-250 PSI) E RAMS A , 295' AT 2	Perf: 8.7'/HR., 18–2: DIFFERENTIA AND COM. 1.86'/HR., 18–2	2K WOB, : L. 413 GP 25K WOB	MW 50–60 RPM, M. LOSING	10.1 PKR De 66 MOTOR F 15–20 BBL/F	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112
Activity a Start 06:00	t Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII STR	PBTD: 0 G AT 7225' ivity Desc LL FROM OKES OFF SERVICE, LL FROM OKES OFF	ription 6643' TO 6930' BOTTOM, 100 OPERATE PIP 6930' TO 7225'	, 287' AT 2)–250 PSI) E RAMS A , 295' AT 2)–200 PSI)	Perf: 8.7'/HR., 18–2: DIFFERENTIA AND COM. 1.86'/HR., 18–2	2K WOB, : L. 413 GP 25K WOB	MW 50–60 RPM, M. LOSING	10.1 PKR De 66 MOTOR F 15–20 BBL/F	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112
Activity a Start 06:00	t Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII STR	PBTD: 0 G AT 7225' ivity Desc LL FROM 6 OKES OFF SERVICE, LL FROM OKES OFF	.0 ription 6643' TO 6930' F BOTTOM, 100 OPERATE PIP 6930' TO 7225' F BOTTOM, 100	, 287° AT 2 D-250 PSI I E RAMS A , 295° AT 2 D-200 PSI I WS.	Perf: 8.7'/HR., 18–2'. DIFFERENTIA AND COM. 1.86'/HR., 18–2	2K WOB, : L. 413 GP 25K WOB. L. 409 GP	MW 50–60 RPM, M. LOSING , 50–60 RPM M. NO LOSS	10.1 PKR De 66 MOTOR F 15-20 BBL/F , 65 MOTOR SES LAST 11	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112
Start 06:00 16:00	t Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII STR NO	PBTD: 0 G AT 7225* ivity Desc LL FROM OKES OFF SERVICE, LL FROM OKES OFF ACCIDENT	ription 6643' TO 6930' F BOTTOM, 100 OPERATE PIP 6930' TO 7225' F BOTTOM, 100	, 287° AT 2 D-250 PSI 1 E RAMS A , 295° AT 2 D-200 PSI 1 WS. RKLIFT AN	Perf: 8.7'/HR., 18–2'. DIFFERENTIA AND COM. 1.86'/HR., 18–2	2K WOB, : L. 413 GP 25K WOB. L. 409 GP	MW 50–60 RPM, M. LOSING , 50–60 RPM M. NO LOSS	10.1 PKR De 66 MOTOR F 15-20 BBL/F , 65 MOTOR SES LAST 11	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112
Activity a Start 06:00	t Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII STR NO A	PBTD: 0 G AT 7225' ivity Desc LL FROM OKES OFF SERVICE, LL FROM OKES OFF ACCIDENT ETY MEE	ription 6643' TO 6930' F BOTTOM, 100 OPERATE PIP 6930' TO 7225' F BOTTOM, 100 IS, FULL CRE	, 287' AT 2 D-250 PSI) E RAMS A , 295' AT 2 D-200 PSI) WS. RKLIFT AN	Perf: 8.7'/HR., 18–2'. DIFFERENTIA AND COM. 1.86'/HR., 18–2	2K WOB, : L. 413 GP 25K WOB. L. 409 GP	MW 50–60 RPM, M. LOSING , 50–60 RPM M. NO LOSS	10.1 PKR De 66 MOTOR F 15-20 BBL/F , 65 MOTOR SES LAST 11	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112
Activity a Start 06:00	t Report Ti End 16:00	me: DRILLING Hrs Acti 10.0 DRII STR 0.5 RIG 13.5 DRII STR NO A SAF FUE MUI	PBTD: 0 G AT 7225' ivity Desc LL FROM 6 OKES OFF SERVICE, LL FROM OKES OFF ACCIDENT ETY MEE LL ON HAN D WT 10.33	ription 6643' TO 6930' F BOTTOM, 100 OPERATE PIP 6930' TO 7225' F BOTTOM, 100 I'S, FULL CRETINGS ON FOI	, 287° AT 2 D-250 PSI 1 E RAMS A , 295° AT 2 D-200 PSI 1 WS. RKLIFT AN 1949.	Perf: 8.7'/HR., 18–2'. DIFFERENTIA AND COM. 1.86'/HR., 18–'. DIFFERENTIA	2K WOB, : L. 413 GP 25K WOB. L. 409 GP	MW 50–60 RPM, M. LOSING , 50–60 RPM M. NO LOSS	10.1 PKR De 66 MOTOR F 15-20 BBL/F , 65 MOTOR SES LAST 11	pth: 0.0 RPM, 1580 PSI A IR OF MUD. RPM, 1617 PSI	NT 112

LITHOLOGY:SS 50%, SH 30%, RED SH 20%.

BG GAS 50-100U, CONN GAS 200-400U, HIGH GAS 2961U AT 6744'.

WILL START SHAKING OUT LCM THIS MORNING.

WILL CONTINUE TO LCM/ANCO SORB SWEEPS

			WILL CONTI			D 244 EET 2					
10-07-200	07 Re	ported I	By P.	ETE AYOTTE							
DailyCost:	s: Drilling	\$4	40,109	C	ompletion	\$0		Dail	y Total	\$40,109	
Cum Cost	s: Drilling	\$4	493,472	Co	ompletion	\$4,579		Well	Total	\$498,051	
MD	7,502	TVD	7,502	Progress	277	Days	5	MW	10.3	Visc	39.0
Formation	ı :		PBTD:	0.0		Perf:			PKR Dep	pth: 0.0	
Activity at	t Report Ti	me: DRII	LLING								
Start	End	Hrs	Activity Des	cription							
06:00	10:00	4.0	DRILL FROM STROKES OF								AT 111
10:00	14:00	4.0	PUMP PILL, I BOTTOM.	DROP SURVE	Y, TRIP OUT	, LAY DOWN	STABILIZ	ATION,HOL	EA LITTLE S	SNUG COMIN	G OFF
14:00	15:30	1.5	OPERATE BL	IND RAMS, C	HANGE MO	TORS AND B	ITS.				
15:30	18:30	3.0	TRIP IN, BRE	AK CIRCULA	TION AT 11	75', TAG BRID	OGE AT 489	90'.			
18:30	19:00	0.5	REAM FROM	4880' TO 497	3'.						
19:00	20:00	1.0	TRIP IN.								
20:00	20:30	0.5	SAFETY REA	M 105' TO BO	OTTOM. LOS	ST 30 BBLS M	UD ON TR	IP.			
20:30	06:00	9.5	DRILL FROM STROKES OF						, MOTOR RPN	M 65, 1450 PSI	AT 111
			FULL CREWS								
			SAFETY MEE				NG.				
			FUEL ON HA		•						
			MUD WT. 10.4	4 PPG, VIS 40,	, LCM TRAC	E.					
			PRICE RIVER			Γ7421'.					
			LOGGER JOD								
			LITHOLOGY:								
			BG GAS 150-		GAS 400–70	0U, TRIP GAS	5 677U, HIC	GH GAS 177	7U AT 7445'.		
			NO FLARE O								
			NO LOSSES V	VHILE DRILL	ING. STILL	SHAKING OU	JT LCM				
0-08-20	07 Re	ported I	By P	ETE AYOTTE	•						
Daily Cost:	s: Drilling	\$3	29,817	C	ompletion	\$0		Dail	y Total	\$29,817	
Cum Cost	s: Drilling	\$:	523,289	C	ompletion	\$4,579		Well	Total	\$527,868	
MD	8,143	TVD	8,143	Progress	641	Days	6	MW	10.4	Visc	35.0
Formation	1:		PBTD:	0.0		Perf:			PKR De _l	pth: 0.0	
Activity at	t Report Ti	me: DRII	LLING								
Start	End	Hrs	Activity Des	cription							
06:00	13:30		DRILL FROM STROKES OF	7502' TO 769						RPM, 1485 PSI	AT 110
13:30	14:00	0.5	RIG SERVICE	E, OPERATE P	IPE RAMS A	AND COM.					

14:00 06:00 16.0 DRILL FROM 7690' TO 8143', 453' AT 28.32'/HR, 16-22K WOB, 50-60 RPM, MOTOR RPM 60, 1720 PSI AT 114 STROKES OFF BOTTOM,#2 PUMP, 100-200 PSI DIFFERENTIAL, 373 GPM. FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS ON SERVICING CROWN AND FORKLIFT OPERATION. FUEL ON HAND 3187 GALS., USED 1055 GALS. MUD WT. 10.4 PPG, VIS 40, NO LCM. MIDDLE PRICE RIVER TOP AT 8311'(PROG). LOGGER JODY HALEY 7 DAYS. LITHOLOGY:SS 50%, SH 25%, SLTSTN 20%, CARB SH 5%, BG GAS 350-600U, CONN GAS 900-1200U, HIGH GAS 5594U AT 7972'. NO LOSSES. WORKING ON CHANGING OUT CHARGE PUMP ON #1 PUMP. DOWN SINCE 1300 HR YESTERDAY, READY TO PUT ON LINE THIS MORNING. NO DOWNHOLE LOSSES LAST 24 HRS. 10-09-2007 PETE AYOTTE Reported By DailyCosts: Drilling \$44,385 Completion \$0 **Daily Total** \$44,385 **Cum Costs: Drilling** \$567,674 Completion \$4,579 **Well Total** \$572,253 MD 8,625 TVD 8,625 **Progress** 482 7 MW10.4 40.0 Days Visc Formation: **PBTD: 0.0** Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING End Start Hrs **Activity Description** 8.5 DRILL FROM 8143 'TO 8346', 203' AT 23.89'/HR., 18-22K WOB, 50-60 RPM, MOTOR RPM 66, 1700 PSI AT 113 06:00 14:30 STROKES OFF BOTTOM . 100-200 PSI DIFFERENTIAL, 416 GPM. 14:30 15:00 0.5 RIG SERVICE, OPERATE COM AND PIPE RAMS. 15.0 DRILL FROM 8346' TO 8625', 279' AT 18.6'/HR, 18-24K WOB, 50-55 RPM, MOTOR RPM 66, 1734 PSI AT 113 15:00 06:00 STROKES OFF BOTTOM, 100-200 PSI DIFFERENTIAL. 416 GPM. NO ACCIDENTS, FULL CREWS. SAFETY MEETINGS ON PRESSURE WASHER OPERATION AND GREASING SWIVEL. FUEL ON HAND 6443 GALS, USED 1064 GALS. MUD WT 10.6 PPG, VIS 40. LOGGER JODY HALEY 8 DAYS. LITHOLOGY:SS 45%, CARB SH 30%, SLTSTN 20%, SH 5%, BG GAS 150-500U, CONN GAS 1200-2500U, HIGH GAS 6455U AT8251'. PRICE RIVER MIDDLE TOP AT 8325', PROG TOP AT 8311'. NO FLARE, FLOW OR LOSSES. SOMETHING FELL IN UPHOLE AT 8436'. TIGHT CONNECTION. SMALL AMOUNTS OF SLOUGHING SHALE AT SHAKER. RAISE MUD WT FROM 10.4 TO 10.6. SLOUGHING GONE AT REPORT TIME. 10-10-2007 Reported By PETE AYOTTE \$45,414 **DailyCosts: Drilling** Completion \$1,633 **Daily Total** \$47,047 **Cum Costs: Drilling** \$613,089 Completion \$6,212 **Well Total** \$619,301 MD 8,804 179 10.6 TVD 8.804 40.0 **Progress** Days MWVisc PKR Depth: 0.0 Formation: **PBTD:** 0.0 Perf: Activity at Report Time: DRILLING

Start

End

Hrs

Activity Description

40 44 400		
		NO LOSSES ON TRIP.
		10' TRIP FLARE.
		BG GAS 150-500U, CONN GAS 3200-3500U, TRIP GAS 6000U, HIGH GAS 5619 AT 8746.
		LITHOLOGY: SS 55%, CARB SH 30%, SLTSTN 15%.
		LOGGER JODY HALEY 9 DAYS.
		PRICE RIVER MIDDLE TOP AT 8325'.
		FUEL ON HAND 5494 GALS, USED 1149 GALS.
		SAFETY MEETINGS ON CHANGING SHAKER SCREENS AND TRIPPING PIPE.
		NO ACCIDENTS. MORNING TOUR SHORT 1 HAND.
05:00	06:00	1.0 DRILL FROM 8787' TO 8804', 10–20K WOB,17' AT 17'/HR, 50–55 RPM, 66 MOTOR RPM, 1800 PSI AT 113 STROKES, 100–225 PIS DIFFERENTIAL. 416 GPM.
		HOLE WAS A LITTLE TIGHT COMING OFF BOTTOM. THE REST OF TRIP WENT WELL, BUT SLOW.
04:30	05:00	0.5 SAFETY REAM 75' TO BOTTOM.
23:30	04:30	5.0 TRIP IN, BROKE CIRCULATION AT 1175' AND 6500'
22:00	23:30	1.5 OPERATE BLIND RAMS, CHANGE BITS AND MUD MOTORS.
17:00	22:00	5.0 TRIP OUT
16:00	17:00	1.0 CIRCULATE, MIX AND PUMP PILL, DROP SURVEY, CHECK COM.
15:00	16:00	1.0 DRILL FROM 8777' TO 8787', 10' AT 10'/HR., SAME PARAMETERS AS ABOVE.
14:30	15:00	0.5 RIG SERVICE, OPERATE PIPE RAMS.
06:00	14:30	8.5 DRILL FROM 8625' TO 8777', 152' AT 17.88'/HR., 16–25K WOB, 50–55 RPM, 66 MOTOR RPM, 1790 PSI AT 113 STROKES OFF BOTTOM, 100–200 PSI DIFFERENTIAL. 416 GPM.

10-11-20	007 Re	ported 1	By PE	ETE AYOTTE/ B	ENNY BL	ACKWELL					
DailyCost	ts: Drilling	\$	32,597	Com	pletion	\$800		Daily	Total	\$33,397	
Cum Cos	ts: Drilling	\$	645,686	Com	pletion	\$7,012		Well	Total	\$652,698	
MD	9,140	TVD	9,140	Progress	336	Days	9	MW	10.7	Visc	42.0
Formatio	n:		PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: DRI	LLING								
Start	End	Hrs	Activity Desc	ription							
06:00	11:30	5.5	DRILL F/ 8804 96' @ 17.46 FP		SK WOB, 3	85-60 RPM @	TABLE, 20	950 PSI @ 113	3 SPM=419 C	PM=67 RPM	@ MOTOR,
11:30	12:00	0.5	HOLE TIGHT	DURING CONN	ECTION	@ 8900' – WC	ORK TIGHT	SPOT W/ 20	- 35K OVE	R UNTIL IT C	LEANED UP.
12:00	16:00	4.0	DRILL F/ 8900 64' @ 16 FPH.	' – 8964', 18–28	BK WOB, 3	35-60 RPM @	TABLE, 20	950 PSI @ 113	3 SPM=419 C	SPM=67 RPM	@ MOTOR,
16:00	16:30	0.5	SERVICE RIG	– DAILY RIG S	ERVICE.						
16:30	06:00	13.5	DRILL F/ 8964 176' @ 13 FPH	' – 9140', 18–28 . MUD 11.0 / 42		3560 RPM @	TABLE, 20	950 PSI @ 107	7 SPM=394 C	6PM=63 RPM	@ MOTOR,
			NO ACCIDEN	rs. Morning	TOUR SH	ORT 1 HAND	•				
			SAFETY MEE	TINGS ON INSI	P. LINES A	AND EQUIP, D	OUMPING S	SAND TRAP.			
			FUEL ON HAM	ND 4397 GALS,	USED 109	97 GALS.					
			PRICE RIVER	MIDDLE TOP A	AT 8325'.						
			LOGGER JOD	Y HALEY 10 DA	AYS.						
			LITHOLOGY:	SS 40%, CARB	SH 40%, S	SLTSTN 15%,	SH 5%				
			BG GAS 350-5	800U, CONN GA	AS 3500-4	500U, TRIP G	AS 5853U,	HIGH GAS 5	715 AT 9026		
			NO LOSSES.								

\$0

Daily Total

\$33,307

BENNY BLACKWELL

Completion

10-12-2007

DailyCosts: Drilling

Reported By

\$33,307

	s: Drilling	\$678,	994	Cor	npletion	\$7,012		Well	Total	\$686,006	
MD	9,465	TVD	9,465	Progress	325	Days	10	MW	10.9	Visc	40.0
Formation	n:		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity a	t Report Ti	me: DRILLIN	NG								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	15:00		ILL F/ 9140 3' @ 11.45 F)' – 9243', 18–2 PH.	8K WOB, 3	5-60 RPM @	TABLE, 20	50 PSI @ 10	7 SPM=394 C	GPM=63 RPM (@ MOTOF
15:00	15:30	0.5 SE	RVUCE RIC	G – DAILY RIG	SERVICE.						
15:30	06:00			3' – '9465', 18–2 PH. MUD 11.4		35-60 RPM @	TABLE, 20	050 PSI @ 10	00 SPM=369	GPM=60 RPM	@ MOTO
		NO	ACCIDEN	TS. MORNING	TOUR SHO	ORT 1 HAND.					
		SA	FETY MEE	TINGS BOP DI	RILL – 61 S	SEC AND USI	NG PIPE SE	PINNERS. B	OP DRILL -	1:38 MIN.	
		FU	EL ON HA	ND 3483 GALS	, USED 914	GALS.					
		PR	ICE RIVER	LOWER TOP A	AT 9122'.						
		LO	GGER JOD	Y HALEY 11 D	DAYS.						
				SS 50%, CARB	-	•					
				1100U, CONN (GAS 4000-:	5000U, TRIP (GAS N/AU,	HIGH GAS	9496U AT 92	12'.	
		NO	LOSSES.								
10-13-20	07 Re	ported By	В	ENNY BLACK	WELL						
DailyCost	s: Drilling	\$33,0	05	Cor	npletion	\$0		Daily	Total	\$33,005	
Cum Cost	ts: Drilling	\$711,	999	Cor	npletion	\$7,012		Well	Total	\$719,011	
MD	9,555	TVD	9,555	Progress	90	Days	11	\mathbf{MW}	11.4	Visc	42.0
7117											
	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Formation		me: BIT TRI		0.0		Perf:			PKR De	pth : 0.0	
Formation Activity a						Perf:			PKR De _l	pth: 0.0	
Formation	t Report Ti	Hrs Ac	P tivity Desc	e ription 5' – 9555, 18–32	2K WOB, 35		TABLE, 205	50 PSI @ 100			MOTOR
Formation Activity a Start	t Report Ti End	Hrs Ac 9.5 DR 90	P tivity Desc ILL F/ 9465 @ 9.50 FPH	e ription 5' – 9555, 18–32			TABLE, 205	50 PSI @ 100			MOTOR
Formation Activity a Start 06:00	t Report Ti End 15:30	9.5 DR 90 0.5 SE	P tivity Desc allL F/ 9465 @ 9.50 FPH RVICE RIG	e ription 5' – 9555, 18–32 I.	SERVICE.	5-60 RPM @ 7	TABLE, 205	50 PSI @ 100			MOTOR
Formation Activity a Start 06:00	End 15:30 16:00	9.5 DR 90 0.5 SE 1.0 DR	P tivity Desc ILL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE	e ription 5' – 9555, 18–32 I. – DAILY RIG (SERVICE. PUMP PIL	5-60 RPM @ ? .L.) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00	End 15:30 16:00 17:00	9.5 DR 90 0.5 SE 1.0 DR 6.5 PO	P tivity Desc LILL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE H F/ BIT (L	e ription 5' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND	SERVICE. DPUMP PIL	5–60 RPM @ 7 .L. VEEN 9512' –) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00	End 15:30 16:00 17:00 23:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C	P tivity Desc ILL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE OH F/ BIT (L J BIT #4 AN	eription 5' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI	SERVICE. PUMP PIL GHT BETV D RIH W/ I	5–60 RPM @ 7 .L. VEEN 9512' –) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U	P tivity Desc LLL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE H F/ BIT (L J BIT #4 AN	eription 5' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI	SERVICE. PUMP PIL GHT BETV RIH W/ I OTTOM.	5–60 RPM @ 7 .L. VEEN 9512' – BHA #3.	8540', L/D) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U 0.5 WA	P tivity Desc LILL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE HH F/ BIT (L J BIT #4 AN ASH AND R	eription 3' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO Be	SERVICE. PUMP PIL GHT BETV D RIH W/ I OTTOM.	5–60 RPM @ 7 .L. VEEN 9512' – BHA #3. ORT 1 HAND.	8540°, L/D	BIT AND M) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C 0.5 WA NC SA	P tivity Description 11LL F/ 9465 9 9.50 FPH RVICE RIG 10P SURVE 10H F/ BIT (L J BIT #4 AN ASH AND R ACCIDEN FETY MEE	eription 5' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO BO TS. MORNING	SERVICE. PUMP PIL GHT BETV TO RIH W/ I OTTOM. TOUR SHO	5–60 RPM @ 7 L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL	8540°, L/D	BIT AND M) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C 0.5 WA NC SA FU	tivity Desc ALL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE H F/ BIT (L J BIT #4 AN ASH AND R O ACCIDEN FETY MEE	eription 5' – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI ND MOTOR AN EAM 90' TO BO TS. MORNING	SERVICE. D PUMP PIL IGHT BETV TO RIH W/ I OTTOM. TOUR SHO NING & STO 1, USED 872	5–60 RPM @ 7 L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL	8540°, L/D	BIT AND M) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U 0.5 WA NO SA FU PR	tivity Desc CILL F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE HH F/ BIT (L J BIT #4 AN ASH AND R O ACCIDEN FETY MEE EL ON HAI	eription 5' - 9555, 18-32 I. - DAILY RIG 5 Y, BUILD AND OW ROP) - TI ID MOTOR AN EAM 90' TO BO TS. MORNING TINGS CLEAN ND 2611 GALS	SERVICE. D PUMP PIL GHT BETV D RIH W/ I OTTOM. TOUR SHO NING & STO , USED 872 AT 9122'.	5–60 RPM @ 7 L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL	8540°, L/D	BIT AND M) SPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C 0.5 WA NC SA FU PR LO LIT	tivity Described Processing Proce	cription 5' – 9555, 18–32 I. – DAILY RIG S Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO BE TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 II SS 50%, CARE	SERVICE. D PUMP PIL GHT BETV D RIH W/ I OTTOM. TOUR SHO NING & STO NUSED 872 AT 9122'. DAYS. S SH 25%, S	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M	OSPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C 0.5 WA NC SA FU PR LO LIT	tivity Described Processing Proce	eription Y - 9555, 18-32 L - DAILY RIG (Y, BUILD AND OW ROP) - TI D MOTOR AN EAM 90' TO BO TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 D	SERVICE. D PUMP PIL GHT BETV D RIH W/ I OTTOM. TOUR SHO NING & STO NUSED 872 AT 9122'. DAYS. S SH 25%, S	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M	OSPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30	t Report Tir End 15:30 16:00 17:00 23:30 05:30	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U 0.5 WA NO SA FU PR LO LIT BO NO	P tivity Description (ILL F/ 9465 @ 9.50 FPH RVICE RIG (OP SURVE H F/ BIT (L J BIT #4 AN ASH AND R O ACCIDEN FETY MEE EL ON HAI ICE RIVER OGGER JOD THOLOGY: G GAS 550— O LOSSES.	eription 5' – 9555, 18–32 I. – DAILY RIG () Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO BO TS. MORNING TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 I SS 50%, CARE 1100U, CONN ()	SERVICE. D PUMP PIL GHT BETV D RIH W/ I OTTOM. TOUR SHO NING & STO NUSED 872 AT 9122'. DAYS. S SH 25%, S	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M	OSPM=369 G	PM=60 RPM @	
Formation Activity at Start 06:00 15:30 16:00 17:00 23:30 05:30	t Report Tin Emd 15:30 16:00 17:00 23:30 05:30 06:00	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U 0.5 WA NO SA FU PR LO LIT BO NO	tivity Desc till F/ 9465 @ 9.50 FPH RVICE RIG OP SURVE HH F/ BIT (L J BIT #4 AN ASH AND R O ACCIDEN FETY MEE EL ON HAI ICE RIVER OGGER JOD THOLOGY:	eription 5' – 9555, 18–32 I. – DAILY RIG () Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO BO TS. MORNING TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 I SS 50%, CARE 1100U, CONN ()	SERVICE. D PUMP PIL GHT BETV D RIH W/ I OTTOM. TOUR SHO NING & STO NUSED 872 AT 9122'. DAYS. S SH 25%, S	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M	OSPM=369 G	PM=60 RPM @	
Formation Activity a Start 06:00 15:30 16:00 17:00 23:30 05:30	t Report Tin Emd 15:30 16:00 17:00 23:30 05:30 06:00	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/U 0.5 WA NO SA FU PR LO LIT BO NO	tivity Described Processing Proce	eription 5' – 9555, 18–32 I. – DAILY RIG () Y, BUILD AND OW ROP) – TI ID MOTOR AN EAM 90' TO BO TS. MORNING TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 I SS 50%, CARE 1100U, CONN ()	SERVICE. D PUMP PIL IGHT BETV TO RIH W/ I OTTOM. TOUR SHO NING & STO N, USED 872 AT 9122'. DAYS. S SH 25%, S GAS 4000—	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M	OSPM=369 G	PM=60 RPM @	
Formation Activity at Start 06:00 15:30 16:00 17:00 23:30 05:30	t Report Tin Emd 15:30 16:00 17:00 23:30 05:30 06:00	Hrs Ac 9.5 DR 90 0.5 SE 1.0 DR 6.5 PO 6.0 P/C 0.5 WA NC SA FU PR LO LIT BG NC VIS	tivity Description fill F/ 9465 9 9.50 FPH RVICE RIG OP SURVE H F/ BIT (L J BIT #4 AN ASH AND R ACCIDEN FETY MEE EL ON HAI ICE RIVER OGGER JOD THOLOGY: G GAS 550— LOSSES. S. 42, WT. 1 B	eription Y – 9555, 18–32 I. – DAILY RIG (Y, BUILD AND OW ROP) – TI ND MOTOR AN EAM 90' TO BO TS. MORNING TINGS CLEAN ND 2611 GALS LOWER: TOP Y HALEY 12 D SS 50%, CARE 1100U, CONN 1.4. ENNY BLACK	SERVICE. D PUMP PIL IGHT BETV TO RIH W/ I OTTOM. TOUR SHO NING & STO N, USED 872 AT 9122'. DAYS. S SH 25%, S GAS 4000—	J.L. VEEN 9512' – BHA #3. ORT 1 HAND. DRING TOOL CGALS.	8540', L/D S, TRIPPIN SH 10%	BIT AND M G PIPE. HIGH GAS	OSPM=369 G	PM=60 RPM @	

OTOR, OTOR, WAS SWERE LOW
OTOR, OTOR, WAS SWERE LOW
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OTOR, OTOR, WAS SWERE LOW
MAS WERE LOW
MAS WERE LOW
WAS S WERE LOW
WAS S WERE LOW
S WERE LOW
45.0

NO ACCIDENTS.

CHECK COM - OK.

SAFETY MEETINGS: L/D D.P., RUN CSG.

FUEL REC'D: 0 GALS.

FUEL ON HAND: 4089 GALS, USED463 GALS.

SEGO: TOP AT 9612'.

LOGGER JODY HALEY 14 DAYS. LOGGER OFF OF LOCATION @ 16:00 HRS 14 OCT 2007.

LITHOLOGY: SS 50%, CARB SH 25%, SLTSTN 15%, SH 10%..

BG GAS N/A U, CONN GAS N/A U, TRIP GAS N/AU, HIGH GAS N/A U .

SMALL MUD LOSSES.

VIS. 42, WT. 11.7.

			V15. 42, W1. 1								
10-16-20	07 Re	ported l	By Bi	ENNY BLACKV	VELL						
DailyCost	ts: Drilling	\$	32,887	Con	pletion	\$157,304		Dail	y Total	\$190,191	
Cum Cost	ts: Drilling	\$	836,935	Con	pletion	\$164,316		Wel	l Total	\$1,001,251	
MD	9,785	TVD	9,785	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation	n:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: RDR	T/WO COMPLI	ETION							
Start	End	Hrs	Activity Desc	ription							
06:00	06:30	0.5	•	-	N-80, LT	C, R-3 CASING	S AS FOL	LOWS & SE	ET @ 9776.22:	•	
			CSG (2701.38) W/ TOP @ 454	,1 MARKER JO 5.41, 105 JTS. C	INT (21.34 CSG (4502	1 JT. CSG (42.78 1') SET W/TOP 23)), 2 EA. PUP HEN LAYED DO	@7008.2 JTS (25.	2, 57 JTS CS	SG (2442.39),	1 MARKER JT	. (20.42) SET
06:30	07:00	0.5	WAIT ON SCH	LUMBERGER	TO ARRI	VE ON LOCATION	ON.				
07:00	08:30	1.5	SCHLUMBER	GER RIGGING	UP ON LO	OCATION.					
08:30	09:00	0.5	RIG DOWN C	ASING EQUIPM	IENT.						
09:00	10:00	1.0	HSM – RIG UI	CEMENT FLO	OR EQUI	PMENT.					
10:00	13:30	3.5	BBLS CHEM V CF/SK @ 13 PI SXS (369 BBL D013, DISPLA (500 PSI OVER BEGINNING C	WASH & 20 BBI PG) OF 35/65 PC S, YIELD – 1.29 CED W/152 BB R LIFT PRESSU	LS FRESH OZ G+4% OCF/SX @ LS OF 2 C RE). FLO. FROM 1	G AS FOLLOWS WATER SPACE D020+2%D174+ 14.1 PPG) OF 5 GAL/1000 L064 I ATS HELD W/ 1 1:05 HRS TO 11:0 SURFACE.	ER. MIX A .25%D02 60/50 POS FRESH W .5 BBLS	AND PUMP 9+.2%D046 5 G+2%D020 ATER. BUN FLOWED B	1020 SX (331 +.75%D112+ . 0+.2%D065+. 1PED PLUG (ACK. PARTIA	BBLS, YEILD 25%D013, PU 2%D167+.1%I @ 13.21 HRS W AL RETURNS	0 – 1.75 IMP 1575 D046+.1% V/ 3243 PSI FROM
13:30	17:30	4.0	R/D SCHLUM AND CLEAN		IT 1 HR T	O L/D LANDIN	G JT. TE	ST CSG HA	NGER TO 500	00 PSI – OK, N	I/D BOP'S
17:30	06:00	12.5	RIGGING DO	WN, L/D DERR	ICK AND	PREPARE RIG	FOR RIG	MOVE.			
			NO ACCIDEN	TS.							
			CHECK COM	– OK.							
			SAFETY MEE	TINGS:CEMEN	T, RIG D	OWN, L/D DERI	RICK.				
			FUEL REC'D:	0 GALS.							
			FUEL ON HAI	ND: 3639 GALS	, USED 45	50 GALS.					
			SEGO: TOP A	Г 9612'.							
			LOGGER JOD	Y HALEY 13 D	AYS. LOC	GER OFF OF L	OCATIO	N @ 16:00 H	IRS 14 OCT 2	.007.	
			LITHOLOGY:	SS 50%, CARB	SH 25%,	SLTSTN 15%, S	H 10%				

BG GAS N/A U, CONN GAS N/A U, TRIP GAS N/AU, HIGH GAS N/A U .

SMALL MUD LOSSES.

VIS. 42, WT. 11.7.

MATERIAL TRANSFERRED FROM WELL CWU 1022-15X (AFE #306082) TO WELL CWU 988-15 (AFE #303038):

299.92 FT. (7 JTS) 4 1/2", 11.6#, N-80, LTC, R-3 CSG.

21.03 FT. (1 PUP JT.) 4 1/2", 1.6#, N-80, LTC R-2 CSG.

3639 GALS. DIESEL FUEL @ \$3.26 PER GAL.

MOVE TO NEW LOCATION (CWU 988-15) IS 0.3 MILES.

06:00

18.0 RELEASE RIG @ 17:30 HRS, 10/15/07.

CASING POINT COST \$836,936

		CAS	ING POIN	T COST \$836,	936						
10-19-20	007 Re	eported By	SI	EARLE							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$44,569		Daily	Total	\$44,569	
Cum Cos	ts: Drilling	\$836,9	35	Co	mpletion	\$208,885		Well 7	Fotal	\$1,045,820	
MD	9,785	TVD	9,785	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 9	731.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: PREP FOI	R FRACS								
Start	End	Hrs Acti	ivity Desc	cription							
06:00	06:00		U SCHLU SCHLUME		OG WITH R	ST/CBL/CCL/V	DL/GR F	ROM PNTD T	O 960'. EST	CEMENT TOP	° @ 1580
10-27-20	907 Re	eported By	Н	OOLEY							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$45,729		Daily	Total	\$45,729	
Cum Cos	ts: Drilling	\$836,9	35	Co	mpletion	\$254,614		Well 7	Cotal	\$1,091,549	
MD	9,785	TVD	9,785	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 9	731.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: WO COM	PLETION								
Start	End	Hrs Acti	ivity Desc	cription							
12:00	14:00	2.0 NU	10M FRAC	TREE. PRESS	SURE TEST	ED FRAC TREE	E & CASI	NG TO 6500 I	PSIG. WO C	OMPLETION.	
10-30-20	007 Re	eported By	Н	OOLEY							
DailyCos	ts: Drilling	\$0		Co	mpletion	\$900		Daily	Total	\$900	
Cum Cos	ts: Drilling	\$836,9	35	Co	mpletion	\$255,514		Well 7	Total	\$1,092,449	
MD	9,785	TVD	9,785	Progress	0	Days	17	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 9	731.0		Perf : 8427–9	9542		PKR De	pth: 0.0	
Activity a	at Report Ti	me: FRAC ME	ESAVERDI	Е.							
Start	End	Hrs Acti	ivity Desc	cription							
06:00	17:00	83', SCH WF1	9415–16', ILUMBER 120 & YF1	9425–26', 945 GER. FRAC D	5–56', 9506 OWN CASI 89500# 20/40	PERFORATED –08' AND 9540- NG WITH 165 O) SAND @ 1–41 IBERGER.	-42' @ 3 GAL GYF	SPF & 120° PI TRON T-106,	HASING. RI , 4157 GAL	DWL. RÚ WF120 PAD, 37	423 GA

RUWL. SET 10K CFP AT 9320'. PERFORATED LPR FROM 9102–03', 9115–17', 9161–62', 9202–03', 9212–13', 9217–18', 9222–23', 9248–49', 9260–61', 9288–89' AND 9303–04' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 6120 GAL WF120 PAD, 43482 GAL WF120 & YF116ST+ WITH 111000# 20/40 SAND @ 1–4 PPG. MTP 6182 PSIG. MTR 49.9 BPM. ATP 5021 PSIG. ATR 46.4 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9030'. PERFORATED MPR FROM 8802–03', 8807–08', 8824–25', 8862–63', 8869–70', 8902–03', 8909–10', 8927–28', 8947–48', 8973–74' (MISFIRE), 9010–11' AND 9017–18' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4142 GAL WF120 PAD, 46216 GAL WF120 & YF116ST+ WITH 113700# 20/40 SAND @ 1–4 PPG. MTP 6366 PSIG. MTR 50.4 BPM. ATP 5298 PSIG. ATR 45.5 BPM. ISIP 3350 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8760'. PERFORATED MPR FROM 8642-43', 8646-47', 8653-54', 8670-71', 8680-81', 8688-89', 8697-98', 8705-06', 8709-10', 8736-37', 8740-41' AND 8746-47' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3109 GAL WF120 PAD, 38345 GAL WF120 & YF116ST+ WITH 91400# 20/40 SAND @ 1-4 PPG. MTP 6368 PSIG. MTR 50.2 BPM. ATP 5416 PSIG. ATR 43.8 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8600'. PERFORATED MPR FROM 8427–28', 8434–35', 8440–41', 8451–52', 8480–81', 8500–01', 8531–32', 8537–38', 8550–51', 8568–69', 8578–79' AND 8587–88' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4138 GAL WF120 PAD, 49832 GAL WF120 & YF116ST+ WITH 131700# 20/40 SAND @ 1–5 PPG. MTP 6343 PSIG. MTR 49.9 BPM. ATP 4646 PSIG. ATR 46.7 BPM. ISIP 2950 PSIG. RD SCHLUMBERGER. SDFN.

10-31-2007	Rep	orted By	HOOLEY	7						
DailyCosts: Dr	lling	\$0		Completion	\$327,455		Daily '	Total	\$327,455	
Cum Costs: Dr	illing	\$836,935		Completion	\$582,969		Well T	otal	\$1,419,904	
MD 9	,785	TVD 9,	785 Prog	gress 0	Days	18	MW	0.0	Visc	0.0
Formation: M	ESAVERI	DE PBT	D : 9731.0		Perf : 7468–9	542		PKR Dep	oth: 0.0	

Activity at Report Time: CLEAN OUT AFTER FRAC

Start End Hrs Activity Description 06:00 12:00 6.0 SICP. RUWL. SET 10K

6.0 SICP. RUWL. SET 10K CFP AT 8230'. PERFORATED UPR FROM 8065–66', 8071–72', 8079–80', 8095–96', 8122–23', 8151–52', 8158–59', 8192–93', 8197–98', 8239–40', 8247–48', 8277–78', 8285–86' AND 8295–96' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4151 GAL WF120 PAD, 60529 GAL WF120 & YF116ST+ WITH 165000# 20/40 SAND @ 1–5 PPG. MTP 6341 PSIG. MTR 49.9 BPM. ATP 4613 PSIG. ATR 47.0 BPM. ISIP 2350 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8030'. PERFORATED UPR FROM 7782–83', 7796–97', 7821–22', 7826–27', 7849–50', 7861–62', 7964–65', 7974–75', 7992–93', 8000–01', 8008–09' AND 8016–17' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4137 GAL WF120 PAD, 51093 GAL WF120 & YF116ST+ WITH 144200# 20/40 SAND @ 1–5 PPG. MTP 6477 PSIG. MTR 50.3 BPM. ATP 4984 PSIG. ATR 47.3 BPM. ISIP 2350 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7635'. PERFORATED LPR FROM 7468–69', 7475–76', 7479–80', 7485–86', 7491–92', 7512–13', 7558–59', 7577–78', 7590–91', 7600–01', 7607–08' AND 7611–12' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 4135 GAL WF120 PAD, 59747 GAL WF120 & YF116ST+ WITH 162600# 20/40 SAND @ 1–5 PPG. MTP 6054 PSIG. MTR 50.3 BPM. ATP 3926 PSIG. ATR 47.5 BPM. ISIP 2500 PSIG. RD SCHLUMBERGER.

RUWL. SET CBP @ 7423'. BLED OFF PRESSURE. RDWL. MIRU ROYAL #1 SERVICE UNIT. SDFN.

11-01-2007	Reported By	HAL IVIE			
DailyCosts: Drill	ling \$0	Completion	\$24,326	Daily Total	\$24,326
Cum Costs: Dril	ling \$836,935	Completion	\$607,295	Well Total	\$1,444,230

Formatio		TVD	9,785	Progress	0	Days	19	MW	0.0	Visc	0.0
	n: MESAVE	RDE	PBTD : 9	9731.0		Perf : 7468	- 9542		PKR Dep	pth: 0.0	
Activity a	t Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start	End	Hrs A	ctivity Des	cription							
06:00	17:00	11.0 SI	CP 0 PSIG. I	RIH W/MILL &	PUMP OF	F BIT SUB TO	CBP @ 74	23'. RU POV	VER SWIVEL	SDFN.	
11-02-20	07 Re	ported By	Н	IAL IVIE							
DailyCost	s: Drilling	\$0		Cor	mpletion	\$10,343		Dail	y Total	\$10,343	
Cum Cost	ts: Drilling	\$836	5,935	Con	npletion	\$617,638		Well	Total	\$1,454,573	
MD	9,785	TVD	9,785	Progress	0	Days	20	MW	0.0	Visc	0.0
Formation	n: MESAVE	RDA	PBTD:	9731.0		Perf : 7468	- 9542		PKR De _l	pth: 0.0	
Activity a	t Report Ti	me: FLOW	TEST								
tart	End	Hrs A	ctivity Des	cription							
		FI	JB. RDMOS LOWED 16 I LWTR.		IOKE. FTP	1500 PSIG. CP	1550 PSI	G. 67 BFPH.	RECOVERED) 1005 BLW. 86	59
		ΤÜ	UBING DET	AIL LENGTI	H						
		PU	JMP OFF SU	JB 1.00'							
		1 3	JT 2-3/8" 4.7	7# L-80 TBG	32.71'						
		X	N NIPPLE	1.10'							
				1.10' " 4.7# L–80 TB	G 8140.49	,,					
		24			G 8140.49	,,					
		24 BI	9 JTS 2-3/8	" 4.7# L-80 TB	G 8140.49	,,					
1-03-20	07 Re	24 BI	9 JTS 2-3/8 ELOW KB ANDED @	" 4.7# L–80 TB0 16.00'	G 8140.49	,,					
	07 Re	24 BI LA	9 JTS 2-3/8 ELOW KB ANDED @	" 4.7# L-80 TB(16.00' 8191.30' KB IAL IVIE	G 8140.49	\$2,560		Dail	y Total	\$2,560	
Daily Cost		24 BI LA Ported By \$0	9 JTS 2-3/8 ELOW KB ANDED @	" 4.7# L-80 TB(16.00' 8191.30' KB IAL IVIE					y Total Total	\$2,560 \$1,457,133	
Daily Cost Cum Cost	s: Drilling	24 BI LA Ported By \$0	9 JTS 2–3/8 ELOW KB ANDED @ H	" 4.7# L-80 TB(16.00' 8191.30' KB IAL IVIE	mpletion	\$2,560	21				0.0
DailyCost Cum Cost MD	s: Drilling	24 BB LA Prorted By \$0 \$836 TVD	9 JTS 2-3/8 ELOW KB ANDED @ H	" 4.7# L-80 TB(16.00' 8191.30' KB IAL IVIE Con Progress	mpletion mpletion	\$2,560 \$620,198		Well	Total	\$1,457,133 Visc	0.0
DailyCost Cum Cost MD Formation	s: Drilling ts: Drilling 9,785	24 BI L/ Prorted By \$0 \$836 TVD	9 JTS 2-3/8 ELOW KB ANDED @ H 5,935 9,785 PBTD : 9	" 4.7# L-80 TBG 16.00' 8191.30' KB HAL IVIE Con Progress 9731.0	mpletion mpletion	\$2,560 \$620,198 Days		Well	Total 0.0	\$1,457,133 Visc	0.0
Cum Cost MD Formation	ss: Drilling ts: Drilling 9,785 n: MESAVE	24 BB LA Prorted By \$0 \$836 TVD RDA me: FLOW Y	9 JTS 2-3/8 ELOW KB ANDED @ H 5,935 9,785 PBTD : 9	" 4.7# L-80 TBG 16.00' 8191.30' KB KAL IVIE Con Progress 9731.0 K	mpletion mpletion	\$2,560 \$620,198 Days		Well	Total 0.0	\$1,457,133 Visc	0.0
DailyCost Cum Cost MD Formation Activity a	ss: Drilling ts: Drilling 9,785 n : MESAVE t Report Ti	24 BI L/Ported By \$0 \$836 TVD RDA me: FLOW W	9 JTS 2–3/8 ELOW KB ANDED @ H 5,935 9,785 PBTD: 9	" 4.7# L-80 TBG 16.00' 8191.30' KB KAL IVIE Con Progress 9731.0 K cription	mpletion mpletion 0	\$2,560 \$620,198 Days Perf : 7468	- 9542	Well MW	Total 0.0 PKR Dep	\$1,457,133 Visc	
Daily Cost Cum Cost MD Formation Activity a Start 06:00	ss: Drilling ss: Drilling 9,785 n: MESAVE t Report Ti End 06:00	24 BI L/Ported By \$0 \$836 TVD RDA me: FLOW W	9 JTS 2–3/8' ELOW KB ANDED @ H 5,935 9,785 PBTD: 9 WELL BACI ctivity Desc.	" 4.7# L-80 TBG 16.00' 8191.30' KB KAL IVIE Con Progress 9731.0 K cription	mpletion mpletion 0	\$2,560 \$620,198 Days Perf : 7468	- 9542	Well MW	Total 0.0 PKR Dep	\$1,457,133 Visc pth : 0.0	
Daily Cost Cum Cost MD Formation Activity a Start 06:00	ss: Drilling ss: Drilling 9,785 n: MESAVE t Report Ti End 06:00	24 BB LA Sported By \$0 \$836 TVD RDA me: FLOW V Hrs Ac 24.0 FI	9 JTS 2–3/8' ELOW KB ANDED @ H 5,935 9,785 PBTD: 9 WELL BACI ctivity Desc.	" 4.7# L-80 TBG 16.00' 8191.30' KB HAL IVIE Con Progress 9731.0 K cription HRS. 16/64 CHG	mpletion mpletion 0	\$2,560 \$620,198 Days Perf : 7468	- 9542	Well MW G. 47 BFPH. 1	Total 0.0 PKR Dep	\$1,457,133 Visc pth : 0.0	
Daily Cost Cum Cost MD Formation Activity a Start 06:00 11-04-20 Daily Cost	ss: Drilling 9,785 n: MESAVE t Report Ti End 06:00	24 BB LA Prorted By \$0 \$836 TVD RDA me: FLOW V Hrs Ac 24.0 FI BI Prorted By \$0	9 JTS 2–3/8' ELOW KB ANDED @ H 5,935 9,785 PBTD: 9 WELL BACI ctivity Desc.	" 4.7# L-80 TB" 16.00' 8191.30' KB IAL IVIE Con Progress 9731.0 K cription HRS. 16/64 CH	mpletion 0 OKE. FTP	\$2,560 \$620,198 Days Perf: 7468	- 9542	Well MW G. 47 BFPH. 1	Total 0.0 PKR Dep	\$1,457,133 Visc pth: 0.0	
Daily Cost Cum Cost MD Formation Activity a Start 06:00 11-04-20 Daily Cost	ss: Drilling ss: Drilling 9,785 n: MESAVE t Report Ti End 06:00 07 Re	24 BB LA Prorted By \$0 \$836 TVD RDA me: FLOW V Hrs Ac 24.0 FI BI Prorted By \$0	9 JTS 2–3/8' ELOW KB ANDED @ H 5,935 9,785 PBTD : 9 WELL BACI ctivity Desc LOWED 24 LWTR.	" 4.7# L-80 TB" 16.00' 8191.30' KB IAL IVIE Con Progress 9731.0 K cription HRS. 16/64 CH	mpletion 0 OKE. FTP	\$2,560 \$620,198 Days Perf: 7468	- 9542	Well MW G. 47 BFPH. 1	O.0 PKR Dep	\$1,457,133 Visc pth: 0.0 2 1132 BLW. 75	
Daily Cost Oum Cost AID Formation Activity a Start 06:00 1-04-20 Daily Cost Cum Cost	ss: Drilling 9,785 n : MESAVE t Report Ti End 06:00 07 Re ts: Drilling ts: Drilling	24 BB LA Prorted By \$0 \$836 TVD RDA me: FLOW V Hrs Ac 24.0 FI BI Prorted By \$0 \$836 TVD	9 JTS 2–3/8 ELOW KB ANDED @ H 5,935 9,785 PBTD: 9 WELL BACI ctivity Desc. LOWED 24 1 LWTR. H 5,935	" 4.7# L-80 TB" 16.00' 8191.30' KB IAL IVIE Con Progress 9731.0 K cription HRS. 16/64 CH LAL IVIE Con Progress	mpletion 0 OKE. FTP	\$2,560 \$620,198 Days Perf: 7468 1700 PSIG. CP: \$2,560 \$622,758	- 9542 1300 PSIG	Well MW G. 47 BFPH. I Daily Well	Total 0.0 PKR Dep RECOVERED y Total Total	\$1,457,133 Visc pth: 0.0 21132 BLW. 75 \$2,560 \$1,459,693 Visc	27
Daily Cost Oum Cost Oum Cost Ormation Activity a Start 06:00 1-04-20 Daily Cost Cum Cost Oum Cost Oum Cost	ss: Drilling 9,785 n: MESAVE t Report Ti End 06:00 07 Re ts: Drilling 9,785	24 BH LA Prorted By \$0 \$836 TVD RDA Hrs A 24.0 FI BI Prorted By \$0 \$836 TVD RDA	9 JTS 2–3/8 ELOW KB ANDED @ H 5,935 9,785 PBTD : 9 WELL BACK ctivity Desc LOWED 24 LWTR. H 5,935 9,785 PBTD : 9	" 4.7# L-80 TB(16.00' 8191.30' KB KAL IVIE Con Progress 9731.0 K cription HRS. 16/64 CH(LAL IVIE Con Progress 9731.0	mpletion 0 OKE. FTP	\$2,560 \$620,198 Days Perf: 7468 1700 PSIG. CP: \$2,560 \$622,758 Days	- 9542 1300 PSIG	Well MW G. 47 BFPH. I Daily Well	O.0 PKR Dep	\$1,457,133 Visc pth: 0.0 21132 BLW. 75 \$2,560 \$1,459,693 Visc	27

06:00	06:00	24.0 FLO	WED 25 H	RS. 16/64" CF	IOKE, FIF	7001510.01				0,022 001	
11-05-2007	7 Re	ported By	H	AL IVIE							
DailyCosts:	Drilling	\$0		Co	mpletion	\$2,560		Daily	Total	\$2,560	
Cum Costs:	Drilling	\$836,9	35	Co	mpletion	\$625,318		Well	Total	\$1,462,253	
MD	9,785	TVD	9,785	Progress	0	Days	23	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	: MESAVE	RDA	PBTD : 9	731.0		Perf : 7468	- 9542		PKR De	pth: 0.0	
Activity at 1	Report Ti	me: WO FACI	LITIES								
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00				HOKE. FTP	1700 PSIG. CP	1800 PSI	G. 30 BFPH . I	RECOVEREI	736 BLW. 59	13 BLWTR
06:00		SI. V	WO FACILI			1700 PSIG. CP	1800 PSIG	G. 30 BFPH. I	RECOVEREI	O 736 BLW. 59	13 BLWTR
	7 Re	SI. V	WO FACILI	ITIES. LETION DATE AL IVIE		1700 PSIG. CP	1800 PSI		Total	\$0 \$0	13 BLWTR
06:00	7 Re	SI. V FIN. sported By	VO FACILI AL COMPI H.	ITIES. LETION DATE AL IVIE Co	E: 11/4/07		1800 PSI	Daily			13 BLWTR
06:00 12-03-2007 DailyCosts:	7 Re	SI. V FIN. Ported By \$0	VO FACILI AL COMPI H.	ITIES. LETION DATE AL IVIE Co	E: 11/4/07	\$0	1800 PSIG	Daily	7 Total	\$0	0.0
06:00 12-03-2007 DailyCosts: Cum Costs:	7 Restrictions Simplify and property of the pr	SI. V FIN. Pported By \$0 \$836,9	VO FACILI AL COMPI H.	ITIES. LETION DATE AL IVIE Co Progress	E: 11/4/07 ompletion ompletion	\$0 \$625,318	24	Daily Well	⁷ Total Total	\$0 \$1,462,253 Visc	
06:00 12-03-2007 DailyCosts: Cum Costs: MD Formation	7 Residence of Prilling 9.785 MESAVE	SI. V FIN. Pported By \$0 \$836,9	NO FACILI AL COMPI H. 935 9,785 PBTD: 9	ITIES. LETION DATE AL IVIE Co Progress	E: 11/4/07 ompletion ompletion	\$0 \$625,318 Days	24	Daily Well	7 Total Total 0.0	\$0 \$1,462,253 Visc	
06:00 12-03-2007 Daily Costs: Cum Costs: MD Formation Activity at 1	7 Residence of the Prilling 9.785 MESAVE	SI. V FIN. Eported By \$0 \$836,9 TVD RDA me: ON SALE	NO FACILI AL COMPI H. 935 9,785 PBTD: 9	TIES. LETION DATE AL IVIE Co Progress 9731.0	E: 11/4/07 ompletion ompletion	\$0 \$625,318 Days	24	Daily Well	7 Total Total 0.0	\$0 \$1,462,253 Visc	

12/02/07 FLOWED 0 MCF, 0 BC & 0 BW IN 24 HRS ON 10/64" CHOKE, TP 2300 PSIG, CP 3200 PSIG.

 $12/03/07\ \ FLOWED\ 471\ MCF, 37\ BC\ \&\ 128\ BW\ IN\ 24\ HRS\ ON\ 10/64"\ CHOKE, TP\ 2500\ PSIG, CP\ 3100\ PSIG.$

UNITED STATES

FORM APPROVED

(August 2007)			DEPAR BUREA	TMENT U OF LA									İ			004-0137 y 31, 2010
	WELL (COMPL	ETION (R REC	OMP	LETIC	ON RE	PORT	AND L	.OG				ease Serial I	No.	
la. Type of	_	Oil Well	_		D Dry								6. If	Indian, All	ottee o	r Tribe Name
b. Type of	Completion	Othe	lew Well er	☐ Work	Over	□ D ₀	eepen	Plug	g Back	□ D	iff. R	esvr.	7. U	nit or CA A	greem	ent Name and No.
2. Name of EOG RE	Operator ESOURCES	S. INC.	F	-Mail: ma				MAEST					8. Le	ase Name	and W	
3. Address		STREE	T SUITE 10		,	-	3a.		o. (include	e area	code)			PI Well No		43-047-39600
4. Location				nd in acco	rdance v	vith Fed							10. I	ield and Po	ool, or	Exploratory
At surfac	ce NWNE	965FNL	. 1937FEL 4	10.04062	N Lat,	109.423	355 W I	_on								ES/MESAVERDE Block and Survey
At top pr	rod interval r	eported b	elow NW	NE 965F	NL 193	7FEL 4	0.04062	2 N Lat,	109.4235	5 W L	.on		0	r Area Se	c 15 T	9S R22E Mer SLB
At total o	depth NW	NE 965F	NL 1937FE	L 40.040	62 N L	at, 109.	42355 \	W Lon						County or P	arish	13. State UT
14. Date Sp 08/31/20		·		ate T.D. R /13/2007				□D&	Complete A 1/2007	ed Ready	to Pr	od.	17. F		DF, KI 92 GL	B, RT, GL)*
18. Total De	epth:	MD TVD	9785	:	19. Plug	Back T	.D.:	MD TVD	97	31		20. De _l	oth Bri	ige Plug Se		MD TVD
21. Type Ele RST/CE	ectric & Oth BL/CCL/ VDI		nical Logs R			of each)				· ·	Was L	ell core ST run? ional Su	,	🛛 No 🔝	🔲 Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	ort all strings	set in we	ll)		,									
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)		ottom MD)	1 -	Cementer epth	No. o Type o	f Sks. of Cem		Slurry (BB		Cement 7	Гор*	Amount Pulled
12.250		25 J-55	36.0		0	2443					645					
7.875	4.5	00 N-80	11.6		0	9776			<u> </u>		<u> 2595</u>					
		-							-							
															-	
24. Tubing		"T						- т								
Size I 2.375	Depth Set (M	ID) P 3191	acker Depth	(MD)	Size	Dept	h Set (N	(ID) P	acker Der	oth (M	D)	Size	De	pth Set (MI	D)	Packer Depth (MD)
25. Producin		5191]				26.	Perfora	tion Reco	ord							
	rmation		Тор		Bottom		P	erforated	Interval		Т	Size	l N	lo. Holes		Perf. Status
A)	MESAVE	RDE		7468		42			9352 T	O 954	2			3		
B)									9102 T	O 930	7			3		
C)									8802 T	O 901	8		\bot	3	<u> </u>	
D)	4 T4								8642 T	O 874	7			3		
27. Acid, Fra			nent Squeeze	e, eic.						17	. 63.4					
	Depth Interva		542 41,745	GALS GEL	I ED W	ATER &	89 500#		mount and	1 1 ype	OI IVI	асепаі				
			304 49,767													
			018 50,523							-						
			747 41,619													
28. Production	on - Interval	A														
Produced	Test Date 12/05/2007	Hours Tested 24	Test Production	Oil BBL 60.0	Gas MCF 83		Water 3BL 180.0	Oil Gr Corr.			Gas Gravity		Producti	on Method FLOV	VS FRO	OM WELL
Size	Tbg. Press. Flwg. 2300 SI		24 Hr. Rate	Oil BBL	Gas MCF	E	Water BBL	Gas:O Ratio	il	1	Well Sta					
12/64" 3		2800.0		60		33	180				- 1	GW				
Date First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil Gr Corr.			Gas Gravity		Producti	on Method		

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #57453 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Gas MCF

Oil BBL

Tbg. Press. Flwg.

Choke

RECEIVED

Gas:Oil Ratio

Well Status

Water BBL

DEC 1 3 2007

28b. Prod	luction - Inter	rval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Ga Gra	s avity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	We	ell Status		
28c. Prod	luction - Inter	rval D		<u>. </u>							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Ga Gr	s avity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	We	ell Status	,	
29. Dispo	osition of Gas	(Sold, used	for fuel, ven	ted, etc.)	•						
	nary of Porou	ıs Zones (In	clude Aquif	ers):					31. For	mation (Log) Markers	
tests,	all importan including de ecoveries.	t zones of p pth interval	orosity and o tested, cushi	contents ther on used, tim	eof: Corec e tool ope	d intervals and all en, flowing and sh	drill-stem ut-in pressur	res			
	Formation		Тор	Bottom		Descriptions	, Contents, et	tc.		Name	Top Meas. Depth
32. Addit Pleas	RDE tional remark se see attac	s (include p	7468 blugging proceed for detailed	9542 edure): performati	on inform	nation.			CH BU PR MII LO	ASATCH APITA WELLS CK CANYON ICE RIVER DDLE PRICE RIVER WER PRICE RIVER GO	4953 5551 6250 7460 8300 9106 9599
33. Circle	e enclosed att	tachments:								- ·	
1. El	ectrical/Mech andry Notice	hanical Log		•		2. Geologic R6. Core Analy	•		3. DST Re 7 Other:	port 4. Direction	onal Survey
34. I here	eby certify the	at the forego		tronic Subn	nission #5	omplete and corre 57453 Verified by RESOURCES, I	y the BLM V	Well Infor	mation Sys	e records (see attached instructi stem.	ons):
Name	e(please prin	t) MARY A	A. MAESTA	S		·	Title	REGULA	TORY AS	SISTANT	
Signature MElectronic Surmission (12. 62.							Date	12/06/20	07		
Title 18 U	U.S.C. Section	n 1001 and	Title 43 U.S	.C. Section	212, mak	te it a crime for an	ny person kno	owingly a	nd willfully	to make to any department or	agency

Chapita Wells Unit 1022-15X - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

8427-8588	3/spf
8065-8296	2/spf
7782-8017	3/spf
7468-7612	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8427-8588	54,135 GALS GELLED WATER & 131,700# 20/40 SAND
8065-8296	64,845 GALS GELLED WATER & 165,000# 20/40 SAND
7782-8017	55,395 GALS GELLED WATER & 144,200# 20/40 SAND
7468-7612	64,047 GALS GELLED WATER & 162,600# 20/40 SAND

Perforated the Lower Price River from 9352-9353', 9362-9363', 9367-9368', 9377-9378', 9382-9383', 9415-9416', 9425-9426', 9455-9456', 9506-9508' & 9540-9542' w/ 3 spf.

Perforated the Lower Price River from 9102-9103', 9115-9117', 9161-9162', 9202-9203', 9212-9213', 9217-9218', 9222-9223', 9248-9249', 9260-9261', 9288-9289' & 9303-9304' w/ 3 spf.

Perforated the Middle Price River from 8802-8803', 8807-8808', 8824-8825', 8862-8863', 8869-8870', 8902-8903', 8909-8910', 8927-8928', 8947-8948', 9010-9011' & 9017-9018' w/ 3 spf.

Perforated the Middle Price River from 8642-8643', 8646-8647', 8653-8654', 8670-8671', 8680-8681', 8688-8689', 8697-8698', 8705-8706', 8709-8710', 8736-8737', 8740-8741' & 8746-8747' w/ 3 spf.

Perforated the Middle Price River from 8427-8428', 8434-8435', 8440-8441', 8451-8452', 8480-8481', 8500-8501', 8531-8532', 8537-8538', 8550-8551', 8568-8569', 8578-8579' & 8587-8588' w/ 3 spf.

Perforated the Upper Price River from 8065-8066', 8071-8072', 8079-8080', 8095-8096', 8122-8123', 8151-8152', 8158-8159', 8192-8193', 8197-8198', 8239-8240', 8247-8248', 8277-8278', 8285-8286' & 8295-8296' w/ 2 spf.

Perforated the Upper Price River from 7782-7783', 7796-7797', 7821-7822', 7826-7827', 7849-7850', 7861-7862', 7964-7965', 7974-7975', 7992-7993', 8000-8001', 8008-8009' & 8016-8017' w/ 3 spf.

Perforated the Upper Price River from 7468-7469', 7475-7476', 7479-7480', 7485-7486', 7491-7492', 7512-7513', 7558-7559', 7577-7578', 7590-7591', 7600-7601', 7607-7608' & 7611-7612' w/ 3 spf.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Address: 1060 E HWY 40 city VERNAL state UT zip 84078 Phone: (435) 781-9	111
city VERNAL state UT zip 84078 Phone: (435) 781-9 Orilling contractor: CRAIGS ROUSTABOUT SERVICE	111
city VERNAL state UT zip 84078 Phone: (435) 781-9 Orilling contractor: CRAIGS ROUSTABOUT SERVICE	111
orilling contractor: CRAIGS ROUSTABOUT SERVICE	111
city JENSEN state UT zip 84035 Phone: (435) 781-1	366
Vater encountered (attach additional pages as needed):	
	ALITY
	OR SALTY)
1,260 1,270 NO FLOW NOT K	NOWN
Formation tops: 1 2 3 _	
(Top to Bottom) 4 5 6 _	
(Top to Bottom) 4 5 6 7 8 9	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			FORM 9		
			5.LEASE DESIGNATION AND SERIAL NUMBER: U-0283-A		
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS				
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 1022-15X(RIGSKID)				
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047396000000				
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0965 FNL 1937 FEL	COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 15 Township: 09.0S Range: 22.0E Meridian: S			STATE: UTAH		
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
✓ SUBSEQUENT REPORT	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
Date of Work Completion: 10/9/2009	☐ DEEPEN ☐ OPERATOR CHANGE	FRACTURE TREAT PLUG AND ABANDON	☐ NEW CONSTRUCTION ☐ PLUG BACK		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	U TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pit Closure		
12. DESCRIBE PROPOSED OR CO	 DMPLETED OPERATIONS. Clearly show all per	tinent details including dates, depths, v	olumes, etc.		
The reserve pit on t	he referenced location was clo the APD procedure.	, , , , , , , , , , , , , , , , , , ,	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY		
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk			
SIGNATURE N/A		DATE 10/13/2009			